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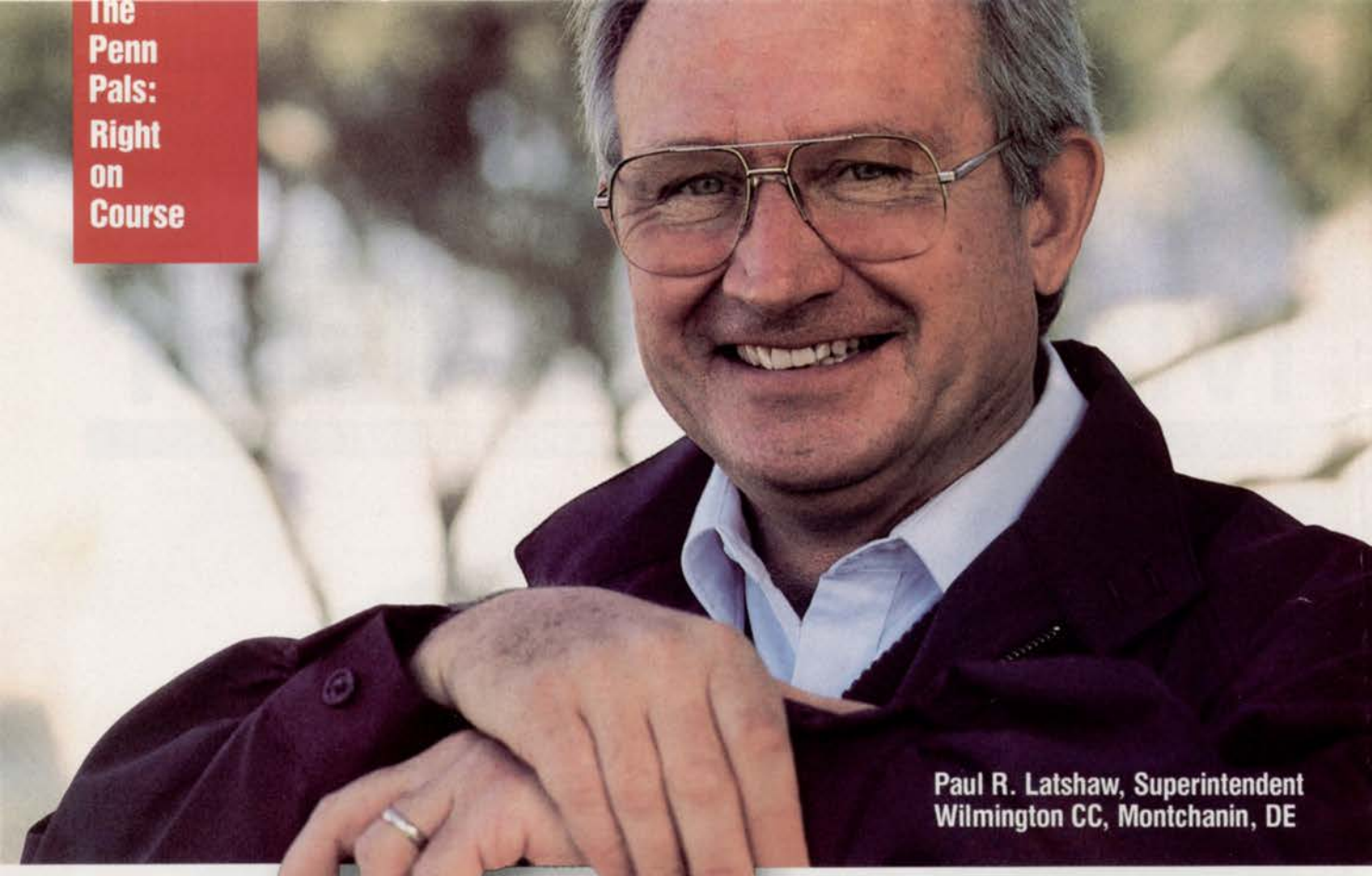

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SEPTEMBER 1991, VOLUME 30, NUMBER 9

LANDSCAPE MANAGEMENT

LM

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Editor-in-Chief

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AS I SEE IT ...

Landfill space: Are we really short of it?

Is America running short of landfill space, or is it again being duped by whistle blowers?

An informative article about the so-called "landfill crisis" appeared recently in a publication called *The Freeman: Ideas on Liberty,* which suggests we're being taken for another ride, like we were during the "energy crisis" of the late '70s.

Published monthly by The Foundation for Economic Education, *The Freeman* contains logical arguments which refute the necessity of government intervention in our lives, and which emphasize the importance of privatization and free markets. It should be read by anyone who believes he is not getting all the facts from the usual news media/talk show sources.

Charles Baird, economist at Cal State in Hayward, Calif., writes that, "**There is no shortage of geologically safe, potential landfill sites in the United States.**" According to Baird, Japan has 2400 landfill sites, compared to our 4800. Although one-half of our landfills are due to close in five years, landfills are in fact designed to last for only 10 years.

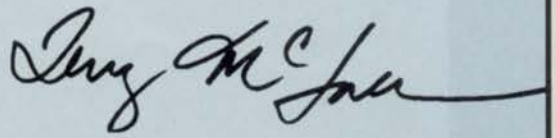
"State-of-the-art landfill technology," writes Baird, "makes it possible for all new sites to be environmentally safe and people-friendly. **There are vast, empty regions in the West and Southwest that aren't used by anyone for any purpose that could be developed into environmentally safe landfills.**"

According to research, the supply of old newspapers exceeds the demand for recycled paper, and the bleaches used to clean paper are toxic, and might cause more environmental problems.

About 40 percent of our landfill space is taken by paper. Incineration technology could safely eliminate that paper, and produce electric power in the process. The U.S. currently burns 14 percent of its municipal solid waste, compared to Japan's 60 percent.

And now, landscapers and lawn care companies are being cornered by 1993 landfill bans on yard waste. Customers who don't want the clippings left on their lawns expect the cutters to take it away. But where are they to dump it? Bob Smart, a Cleveland landscaper, says the cost to dump yard waste has jumped more than 350 percent. And his is a small company.

A good composting landfill needs at least 10 acres of space, a luxury small companies can't afford. Unless cooler heads prevail, small, neighboring companies will have to band together to buy land as a cooperative effort. **And unless we incinerate more, the public should be charged for what it throws away. Don't charge only the businessman.**



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Improved creeping fescue	**Fortress** **Shademaster**
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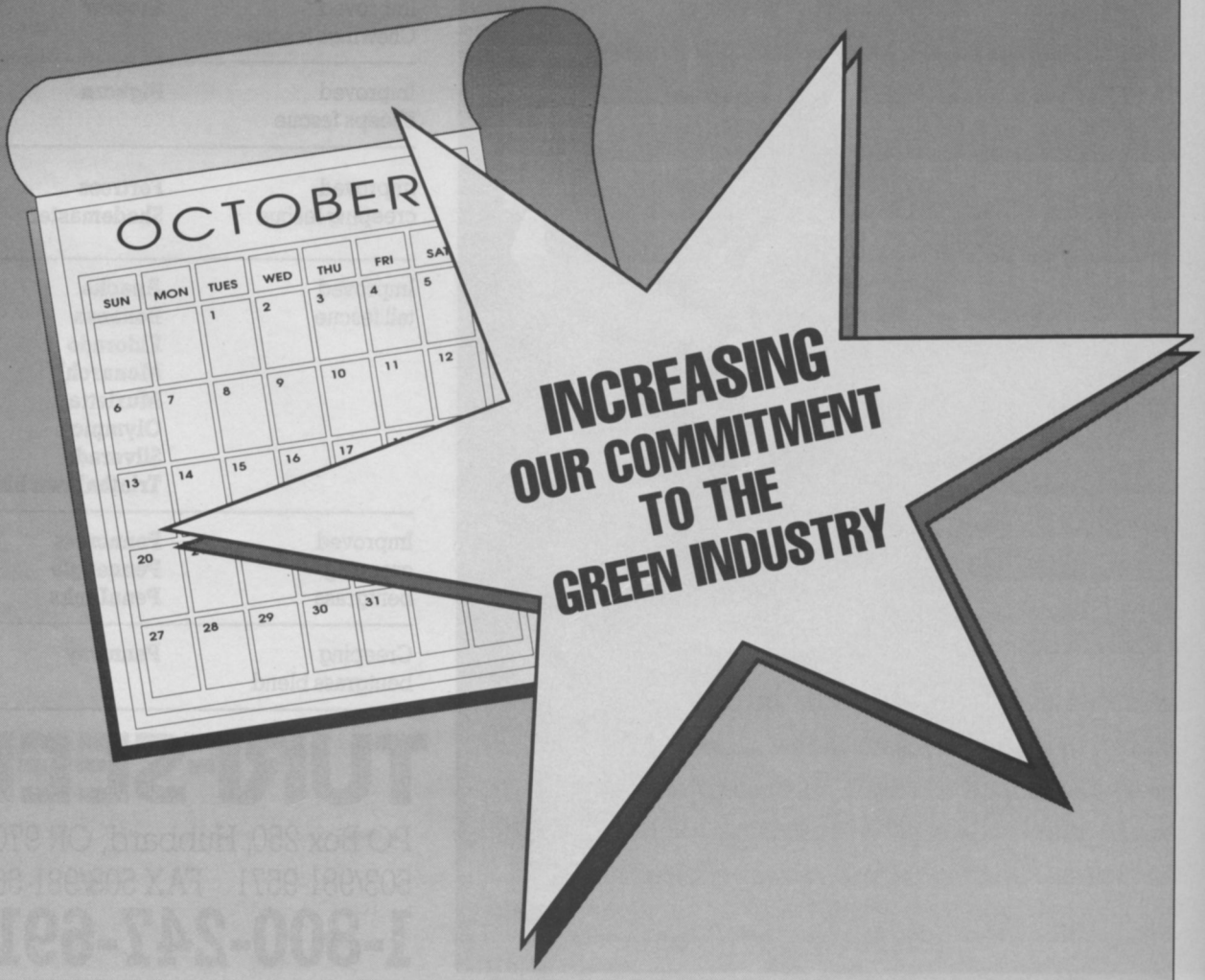

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**American Society of Agronomy, 677 S. Segoe Rd., Madison, WI 53711; (608) 273-8080.

**Crop Science Society of America, 677 S. Segoe Rd., Madison, WI 53711; (608) 273-8080.

**Soil Conservation Society of America, 7515 N.E. Ankeny Rd., Ankeny, IA 50021; (515) 289-2331.

**Soil Science Society of America, 677 S. Segoe Rd., Madison, WI 53711; (608) 273-8080.

ATHLETIC TURF

**American Society of Testing Materials, F-8 Committee, 1916 Race St., Philadelphia, PA 19103;215) 299-5400.

**American Sports Underwriters, 300 Unicorn Park Dr., Woburn, MA 01801; (617) 938-6300.

**Athletic Turf Association, Inc., P.O. Box 1114, Hurst, TX 76053; (817) 282-4965.

**Sports Turf Managers Association, P.O. Box 94857, Las Vegas, NV 89193; (702) 739-8500.

**Sports Turf Research Institute, Bingley, West Yorkshire, ENGLAND BD16 1AU.

AQUATICS

**Center for Aquatic Weed Control, University of Florida, Gainesville, FL 32611; (904) 392-9613.

**Midwest Aquatic Plant Management Association, Roy LeFevre, Dow Gardens, 1018 W. Main St., Midland, MI 48640; (517) 631-2677.

**USDA Aquatic Weed Laboratory, University of California, Davis, CA 95616.

BOTANY

**American Society of Plant Physiologists, 15501-A Monona Dr., Rockville, MD 20855; (301) 251-0560.

**U.S. Botanic Garden Conservatory, 1st St. & Maryland Ave. S.W., Washington, D.C. 20024; (202) 225-8333.

CHEMICALS/ FERTILIZERS

**Division of Regulatory Services, Kentucky Agricultural Experiment Station, University of Kentucky, Lexington, KY 40546; (606) 257-2668.

**Association of Official Analytical Chemists, 111 N. 19th St., Suite 210, Arlington, VA 22209; (703) 522-3032.

**Chemical Specialties Manufacturers Association, 1001 Connecticut Ave. N.W., Washington, DC 20036; (202) 872-8110.

**The Fertilizer Institute, 501 Second St., NE, Washington, DC 20002; (202) 675-8250.

**Midwest Agricultural Chemicals Association, P.O. Box 2125 Northside Station, Sioux City, IA 51104-0125; (712) 277-7380.

**National Agricultural Chemicals Association, 1155 15th St., N.W., Washington, DC 20005; (202) 296-1585.

**National Fertilizer Solutions Association, 339 Consort Dr. St. Louis, MO 63011.

**Potash & Phosphate Institute, 2801 Buford Highway N.E., Suite 401, Atlanta, GA 30329.

**Western Agricultural Chemicals Association, 930 G St. Suite 210, Sacramento, CA 95814; (916) 446-9222.

ENVIRONMENT

**Ecological Society of America, Center for Environmental Studies, Arizona State University, Tempe, AZ 85287; (602) 965-3000.

**Enviromental Management Association, 255 Detroit St., Suite 200, Denver, CO 80206; (303) 320-7855.

**EPA, Office of Public Affairs, 401 M St. S.W., Washington, D.C. 20460; (202) 382-4361.

**Keep America Beautiful, 9 West Broad St., Stamford, CT 06902; (203) 323-8987.

**National Wildlife Federation, 1412 16th St. N.W., Washington, D.C. 20036; (202) 797-5441.

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**Equipment Maintenance Council, 113 Highland Lake Rd., Lewisville, TX 75067; (214) 436-9257.

**Institute of Maintenance Research, 2217 Evergreen Ave., Salt Lake City, UT 84109.

**Independent Lawn & Garden Dealers Association, P.O. Box 54820, Tulsa, OK 74155-0820.

**Farm & Industrial Equipment Institute, 410 N. Michigan Ave., Suite 680, Chicago, IL 60611.

**Lawn & Garden Manufacturers Association, 1 Illinois Center, 111 E. Wacker Dr., Chicago, IL 60601.

**Lawn, Garden & Power Equipment Expo, 6100 Dutchman's Lane, Louisville, KY 40205; (800) 558-8767.

**National Association of Wholesalers-Distributors, 1725 K St. N.W., Suite 710, Washington, D.C. 20006.

**National Lawn & Garden Distributors Association, 1900 Arch St., Philadelphia, PA 19103; (215)

564-3484.

**Outdoor Power Equipment Institute, 341 S. Patrick St., Old Town Alexandria, VA 22314; (703) 549-7600.

GOLF

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**Canadian Golf Course Superintendents Association, 2000 Weston Rd., Suite 203, Weston, Ontario M9N 1X3; (416) 249-7304.

**Carolinas Golf Course Superintendents Association, 108-4 Frontage Rd. Clemson, SC 29631; (800) 476-4272.

**Georgia Golf Course Superintendents Association, P.O. Box 683, Watkinsville, GA 30677; (404) 769-4076. 30604-6377; (404) 543-7720.

**Golf Course Association, P.O. Box 1061, Charleston, SC 29402; (803) 577-5239.

**Golf Course Builders of America, 4361 N. Lake Blvd., Palm Beach Gardens, FL 33420-1868; (407) 694-2977.

**Golf Course Superintendents Association of America, 1421 Research Park Dr., Lawrence, KS 66049-3859; (913) 841-2240.

**Golf Course Superintendents Association of New Jersey, Soils & Crops Dept., P.O. Box 231, Cook College, Rutgers University, New Brunswick, NJ 08903; (201) 932-9453; or, 66 Morris Ave. Springfield, NJ 07081; (201) 379-1100.

**National Association of Public Golf Courses, 200 Castlewood Dr., North Palm Beach, FL 33408.

**National Golf Course Owners Association, 19 Exchange St. P.O. Box 1061, Charleston, SC 29402; (803) 577-5239.

**National Golf Foundation, 1150 S. US Highway One, Jupiter, FL 33477; (407) 744-6006.

**USGA Green Section, Golf House, Far Hills, NJ 07931; (908) 234-2300.

HORTICULTURE

**American Horticultural Society, 7931 East Blvd. Dr., Alexandria, VA 22308; (800) 777-7931.

**American Society for Horticultural Science, 113 S. West St., Suite 400, Alexandria, VA 22314; (703) 836-4606.

**Kansas State Horticultural Society, 4707 W. Sixth St., Topeka, KS 66806; (913) 272-1487.

**National Council for Interior Horticultural Certification, 115 Abbot St., Andover, MA 08180.

**North American Plant Breeders, P.O. Box 2955, Mission, KS 66205.

**Ornamental Growers Association of Northern Illinois, 4 A East Wilson St., Batavia, IL 60510.

**Perennial Plant Association, 217 Howlett Hall, 2001 Fyffe Court, Columbus, Ohio 43210.

**South Carolina Horticulture Society, 2226 Dawn Hill Dr., Charleston, SC 29414; (803) 766-3231.

IRRIGATION

**American Society of Irrigation Consultants, 425 Oak St., Brentwood, CA 94513; (415) 471-9244.

**California Landscape & Irrigation Council, Inc., P.O. Box 488 Chino Hills, CA 91708-0488; (714) 590-5680.

**The Irrigation Association, 1911 N. Fort Myer Dr., Suite 1009, Arlington, VA 22209; (703) 524-1200.

**North Carolina Irrigation Society, Inc., P.O. Box 7625, North Carolina State University, Raleigh, NC 27695-7625; (919) 737-2675.

**National Xeriscape Council, Highlands True Value Hardware, 8080 S. Holly, Littleton, CO 80122.

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**American Society of Landscape Architects, 1733 Connecticut Ave.N.W. Washington, D.C. 20009; (202) 686-2752.

**Associated Landscape Designers and Contractors, 702 N. 65th St., Seattle, WA 98103.

**California Council of Landscape Architects, 1121 L Street, Suite 500, Sacremento, CA 95814; (916) 447-4113.

**The National Lighting Bureau, Suite 300, 2101 L Street N.W., Washington, D.C. 20037.

**Virginia Society of Landscape Designers, 9540 W. Broad St., Richmond, VA 23229.

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**Allied Landscape Industry, 1250 I Street N.W., Suite 500, Washington, D.C. 20005, (202) 789-2900.

**American Institute of Maintenance, P.O. Box 2068, Glendale, CA 91209; (213) 244-1176.

**Arizona Landscape Contractors Association, P.O. Box 5766, Scottsdale, AZ 85261; (602) 998-8887.

**Associated Landscape Contractors of America, 405 N. Washington St., Falls Church, VA 22046; (703) 241-4004.

**Associated Landscape Contractors of Colorado, 3895 Upham, Suite 150, Wheat Ridge, CO 80033.

**Associated Landscape Contractors of Massachusetts, Inc., 288 Walnut St., Suite 300, Newton, MA 02160; (617) 964-0452.

**Associated Landscape Contractors of Oregon, 1930 NW Lovejoy, Portland, OR 97209; (503) 645-3350.

**California Landscape Contractors Association, Inc., 2021 N. St., Sacramento, CA 95814; (916) 448-2522.

**Illinois Landscape Contractors Association, 2200 S. Main St., Suite 301, Lombard, IL 60148; (312) 932-8443.

**Landscape Industry Association of New York, 128-10 26th Ave., College Point, NY 11354.

**Landscape Materials Information Service, P.O. Box 216, Callicoon, NY 12723, (914) 887-4401.

**Landscape and Nurserymen's Association of Greater St. Louis, 659 Oak St., St. Louis, MO 63119.

**Landscape Ontario Horticultural Trades Association, 1293 Matheson Blvd., Mississauga, Ontario, CANADA L4W 1R1; (416) 629-1184.

**Long Island Landscape Gardeners Association, 17 Brower Ave., Woodmere, NY 11598.

**Manitoba Nursery and Landscape Association, 104 Parkside Dr., Winnipeg, Manitoba, CANADA R3J 3P8; (204) 889-5981.

**Metropolitan Detroit Landscape Association, 5865 Kings Arms, Pontiac, MI 48054.

**Nassau/Suffolk Landscape Gardeners Association, 59 Orinoco Dr., Brightwaters, NY 11718; (516) 665-2250.

**National Landscape Association, 1250 I St. N.W., Suite 500, Washington D.C. 20005; (202) 789-2900.

**New York Association of Landscape Contractors, 155 Throop St., N. Babylon, NY 11704.

**New York Turf & Landscape Association, Inc., P.O. Box 307, Scarsdale, NY 10583; (914) 723-1677.

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**Texas Association of Landscape Contractors, 940 E. 51st St., Austin, TX 78751; (512) 454-8626.

**Turf & Landscape Council, P.O. Box 7506, Ventura, CA 93006; (805) 495-2770.

**Utah Association of Nurserymen & Landscape Contractors, 3500 S. Ninth St. E., Salt Lake City, UT 84106; (801) 487-4131.

**Washington Association of Landscape Professionals, P.O. Box 1691, Bothell, WA 30518.

NATIVE VEGETATION, WILDFLOWERS

**Association for the Use of Native Vegetation In Landscaping, 871 Shawnee Ave., Lafayette Ave., Lafayette, IN 47905.

**National Wildflower Research Center, 2600 FM 973 North, Austin, TX 78725.

NURSERY

**Alabama Nurserymen's Association, P.O. Box 9, Auburn, AL 36831-0009.

**American Association of Nurserymen, 1250 I Street N.W., Washington, D.C. 20005; (202) 789-2900.

**Atlantic Provinces Nursery Trades Association, 130 Bluewater Rd., Bedford, Nova Scotia, Canada B4B 1G7.

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**Canadian Nursery Trades Association, 1293 Matheson Blvd., Mississauga, Ontario, Canada L4W 1R1; (416) 629-1367.

**Colorado Nurserymen's Association, (303) 747-2662.

**Connecticut Nurserymen's Association, Room 109, 30 Lafayette Sq., Vernon, CT 06066; (203) 872-2095.

**Delaware Association of Nurserymen, University of Delaware, Newark, DE 19711.

**Eastern Regional Nurserymen's Association, Room 109, 30 Lafayette Sq., Vernon, CT 06066; (203) 872-2095.

**Florida Foliage Association, P.O. Box Y, Apopka, FL 32703; (305) 886-1036.

**Florida Nurserymen & Growers Association, 5401 Kirkman Rd., Suite 650, Orlando, FL 32819; (305) 345-8137.

**Gardeners & Nurserymens Association of Westchester, 222 Hutchison Blvd., Mount Vernon, NY 10522.

**Georgia Nurserymen's Association, 190 Spring Tree Rd., Athens, GA 30605.

**Hawaii Association of Nurserymen, P.O. Box 293, Honolulu, HI 96809.

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**Minnesota Nurserymen's Association, Inc., P.O. Box 13307, St. Paul, MN 55113; (612) 633-4987.

**Mississippi Nurserymen's Association, P.O. Box 5385, Mississippi State, MS 39762; (601) 325-1682.

**Missouri Association of Nurserymen, 7911 Spring Valley Rd., Raytown, MO 64138; (816) 353-1203.

**Nebraska Association of Nurserymen, 2342 S. 40th St., Lincoln, NE 68506; (402) 483-7891.

**New England Nurserymen's Association, 288 Walnut, Suite 300, Newton, MA 02610; (617) 964-8209.

**New Jersey Association of Nurserymen, 233 Blake Hall, P.O. Box 231, Cook College, Rutgers University, New Brunswick, NJ 08903; (201) 828-2325.

**New Mexico Association of Nurserymen, P.O. Box 669, Roswell, NM 88201.

**New York State Nurserymen's Association, Inc., (518) 383-6285.

**North Carolina Association of Nurserymen, Route 2, Box 400, Knightdale, NC 27545; (919) 266-3322.

**North Dakota Nurserymen's Association, P.O. Box 426, Dickinson, ND 58601.

**Nursery Marketing Council, 230 Southern Blvd., Washington, D.C. 20005.

**Ohio Nurserymen's Association, 2021 E. Dublin-Granville Rd., Columbus, OH 43229; (614) 431-2452.

**Oklahoma Nurserymen's Association, 4717 W. Park Place, Oklahoma City, OK 73127.

**Oregon Association of Nurserymen, 2780 S.E. Harrison, Suite 204, Milwaukie, OR 97222; (503) 653-8733.

**Pennsylvania Nurserymen's Association, Inc., 1924 N. Second St., Harrisburg, PA 17102; (717) 238-1673.

**Tennessee Nurserymen's Association, P.O. Box 57, McMinnville, TN 37110; (615) 473-3951.

**Texas Association of Nurserymen, 7730 South IH-35, Austin, TX 78745-6621; (512) 280-5182.

**Utah Association of Nurserymen & Landscape Contractors, 3500 S. Ninth St. East, Salt Lake City, UT 84106; (801) 487-4131.

**Washington State Nurserymen's Association, Inc., 1006-D Fryar Ave., Lower Level, P.O. Box 670. Sumner, WA 98930; (206) 863-4482.

continued on page 14

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Always read and follow the label for Roundup herbicide. Roundup® is a registered trademark of Monsanto Company. © Monsanto Company 1991 RGP-1-170BR

Circle No. 120 on Reader Inquiry Card

Finally, A High Ca
Doesn't Handle L

For too long, high-capacity mowers have left a lot to be desired. But now all that has changed. Presenting the revolutionary new Groundsmaster® 580-D with an 80 hp turbo-diesel engine. The first large-scale rotary mower that combines the productivity of a 16-foot machine with the handling ease of a smaller mower.

Operating the 580-D is incredibly easy. Only Toro provides an adjustable tilt steering wheel and column. All controls are at the operator's fingertips, even cruise control.

Transport is easy too. An exclusive rotating hinge lowers the outboard cutting units behind the operator for a clear view to the side and rear. A balanced design allows you a stable 20 mph transport speed because the weight of the outboard cutting units is rotated to the rear.

Digital readouts display vital engine/machine functions at the touch of a button.

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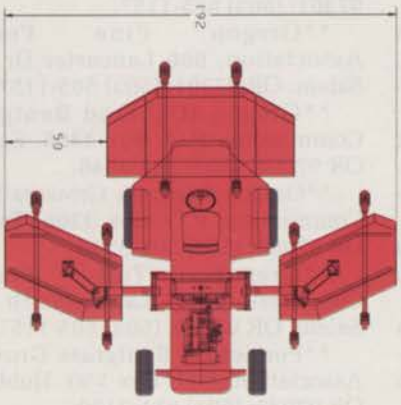
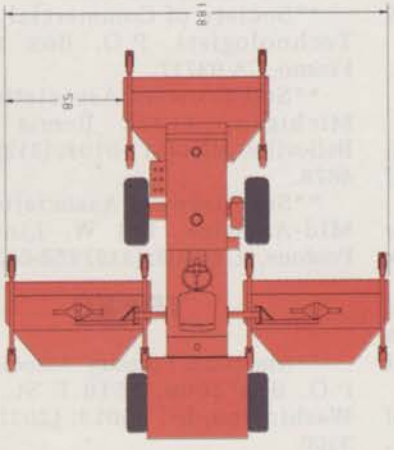
pacity Mower That ike A School Bus.

Toro's outboard cutting units also include an exclusive break-away protection feature. Should the operator misjudge distance, the wings will pivot away from the object that has been hit.

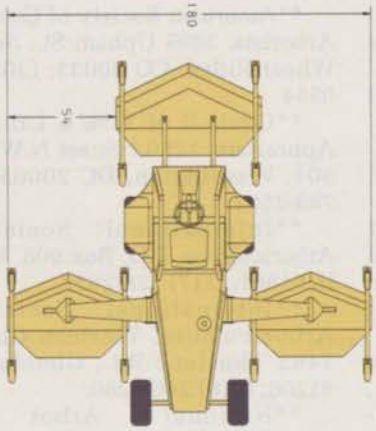


The 580-D's wide stance and short wheelbase give it maneuverability and stability. A short 76" wheelbase lets you turn an 18" uncut circle without braking. And Toro's exclusive swept-forward wing design keeps the tips of the outboard cutting units in line with the front drive wheels improving operator control and visibility.



For even more versatility, the 580-D includes these accessories: an 8-foot front broom attachment, a roll over protection system, a canopy, a cab and a road light package.

If you've been sacrificing ease of operation for high capacity, it's time you saw the revolutionary machine that gives you both: the new Groundsmaster 580-D from Toro. Call your local Toro distributor to see the Groundsmaster 580-D or contact Toro at the address below. You'll see firsthand how productive and versatile large-scale turf mowing can be.



Another Toro exclusive allows you to raise one or both of the outboard cutting units inside the traction unit width. The 580-D can then trim between objects less than 8 feet apart with the 92" Triflex® cutting unit.

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Circle No. 139 on Reader Inquiry Card

PARKS/RECREATION

**Michigan Recreation & Park Association, 2724 E. Michigan Ave., Suite 201, Lansing, MI 48912; (517) 485-9888.

**Minnesota Park Supervisors Association, 5800 I85th Ave. No., Brooklyn Park, MN 55443; (612) 560-1162.

**Missouri Park & Recreation Association, 1203 Missouri Blvd., Jefferson City, MO 65101; (314) 636-3828.

**National Institute on Parks & Grounds Management, P.O. Box 1936, Appleton, WI 54913; (414) 733-2301.

**National Parks & Conservation Association, 1013 31st St. NW, Washington, D.C. 20007; (202) 944-8530.

**National Recreation & Park Association, 3101 Park Center Dr., Alexandria, VA 22302; (703) 820-4940.

**Ontario Parks Association, 1220 Sheppard Ave. E., Toronto, Ontario, CANADA M2K 2X1; (416) 495-4088.

**Southwest Park & Recreation Training Institute, Park Administration and Landscape Architecture Dept., P.O. Box 4219, Stop 3144, Texas Tech University, Lubbock, TX 79409; (806) 742-2860.

PESTICIDES

**The Alliance for Environmental Concerns, P.O. Box 3692, Wayne, NJ 07474; (201) 595-7172.

**International Pesticide Applicators Association, P.O. Box 1377, Milton, WA 98354.

**Ohio Pesticide Applicators for Responsible Regulation, 1215 Terminal Tower, Cleveland, OH 44113; (216) 781-1212

**Professional Pesticide Users of Connecticut, 1347 Newfield Ave., Stamford, CT 06905.

**Responsible Industry for a Sound Environment, 1155 15th St., NW, Suite 900, Washington, DC 20005; (202) 296-6085.

SEED/SOD

**American Association of Seed Control Officials, Oregon Dept. of Agriculture, Commodity Inspection Div., 635 E. Capitol St. NE, Salem, OR 97310-0110; (503) 378-3774.

**American Seed Trade Association, 1030 15th St. N.W., Washington, D.C. 20005; (202) 223-4080.

**American Sod Producers Association, 1855-A Hicks Rd., Rolling Meadows, IL 60008; (708) 705-9898.

**Atlantic Seedmen's Association, 298 E. McCormack Ave., State College, PA 16801; (814) 237-0330.

**Cultivated Sod Association of New Jersey, Soils & Crops Dept., P.O. Box 231, Cook College, Rutgers University, New Brunswick, NJ 08903; (201) 932-9453.

**Manhattan Ryegrass Growers Association, P.O. Box 250, Hubbard, OR 97032; (503) 651-2130.

**Oregon Chewings Fescue & Creeping Red Fescue Commission, (Oregon Fine Fescue Commission), 866 Lancaster Dr. SE, Salem, OR 97301; (503) 585-1157.

**Oregon Fine Fescue Association, 866 Lancaster Dr. SE, Salem, OR 97301; (503) 585-1157

**Oregon Highland Bentgrass Commission, P.O. Box 3366, Salem, OR 97302; (503) 364-3346.

**Oregon Ryegrass Growers Seed Commission, P.O. Box 3366, Salem, OR 97302; (503) 364-3346.

**Oregon Tall Fescue Commission, 866 Lancaster Dr. SE, Salem, OR 97301; (503) 585-1157.

**Penncross Bentgrass Growers Association, P.O. Box 250, Hubbard, OR 97032; (503) 651-2130

**Society of Commercial Seed Technologists, P.O. Box 1771, Fresno, CA 93717.

**Sod Growers Association of Michigan, 41339 Bemis Rd., Belleville, MI 48111-9101; (313) 699-4678.

**Sod Growers Association of Mid-America, 101 W. Lincoln, Peotone, IL 60468; (312) 258-6636.

TREES

**American Forestry Association, P.O. Box 2000, 1516 P St. NW, Washington, DC 20013; (202) 667-3300.

**American Society of Consulting Arborists, 3895 Upham St., Suite 12, Wheat Ridge, CO 80033; (303) 420-9554

**Council of Tree & Landscape Appraisers, 1250 I Street N.W., Suite 504, Washington, DC 20005; (202) 789-2592.

**International Society of Arboriculture, P.O. Box 908, Urbana, IL 61801; (217) 328-2032.

**International Society of Arboriculture, Western Chapter, 1462 Thurlene Rd., Glendale, CA 91206; (818) 246-5260.

**National Arbor Day Foundation, 211 N. 12th St., Lincoln, NE 68508; (402) 474-5655

**National Arborist Association, The Meeting Place Mall, Rt. 101, P.O. Box 1094, Amherst, NH 03031; (603) 673-3311.

**New York State Arborists Association, P.O. Box 58, Latham, NY; (518) 783-1322.

**Ontario Shade Tree Council, 5 Shoreham Dr., North York, Ontario, CANADA M3N 1S4; (416) 794-0099.

**Secrest Arboretum, Ohio Agricultural Research & Development Center, Ohio State University, Wooster, OH 44691; (216) 263-3761.

**Society of Municipal Arborists, R.R. 3, Box 614, Williston, ND 58801; (701) 572-6368.

TURFGRASS/ LAWN CARE

**American Council for Turfgrass, Soil & Crop Sciences Center, Texas A&M University, College Station, TX 77843.

**Central Plains Turfgrass Foundation, Dept. of Horticulture, Kansas State University, Manhattan, KS 66506; (913) 532-6170.

**Colorado Association of Lawn Care Professionals, P.O. Box 903, Parker, CO 80134; (303) 422-5733.

**Delaware Turfgrass Association, University of Delaware, Plant Science Dept., Newark, DE 19711.

**Florida Turfgrass Association, 302 S. Graham Ave., Orlando, FL 32803; (305) 898-6721.

**Georgia Turfgrass Foundation, 4565 S. Berkeley Lake Rd., Norcross, GA 30071; (404) 447-4985.

**Hawaii Turfgrass Association, P.O. Box 31003, Honolulu, HI 96820; (808) 841-3305.

**Illinois Turfgrass Foundation, Inc., 230 N. Michigan Ave., Chicago, IL 60601; (312) 372-9800.

**Kansas Turfgrass Foundation, Dept. of Horticulture, Waters Hall/KSU, Manhattan, KS 66506; (913) 532-6170.

**The Lawn Institute, County Line Rd., P.O. Box 108, Pleasant Hill, TN 38578-0108; (615) 277-3722.

**Louisiana Turfgrass Association, LSU Cooperative Extension Service, University Station, LA 70803; (504) 388-4141.

**Maine Turfgrass Association, University of Maine, Deering Hall, Orono, ME 04401; (207) 581-2922.

**Maryland Turfgrass Council, Inc., Box 223, White Marsh, MD 21162; (301) 255-8131.

**Massachusetts Turf & Lawn Grass Council, P.O. Box 489, Hadley, MA 01035; (413) 549-5295.

**Michigan Turfgrass Foundation, Michigan State University, Crop &

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4. Pennington Seed, Inc. of Orlando Orlando, FL (407) 295-6271
5. Pennington Seed, Inc. of Greenfield Greenfield, MO (417) 637-5979
6. Pennington Seed, Inc. of Louisiana Hammond, LA (504) 386-7611
7. Pennington Seed, Inc. of Virginia Petersburg, VA (804) 732-4769
8. Alby's Jacksonville, FL (904) 721-1200
9. Mid-South Seeds, Inc. N. Little Rock , AR (501) 945-1474

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Pebble Beach Perennial Ryegrass (Turf Type)

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Soil Sciences, East Lansing, MI 48824; (517) 355-0266.

**Midwest Regional Turf Foundation, Dept. of Agronomy, Purdue University, West Lafayette, IN 47907; (317) 494-9737.

**Minnesota Professional Lawn Care Association,5425 Girard Ave. S, Minneapolis, MN 55419; (612) 822-7384.

**Mississippi Turfgrass Association, P.O. Box 5426, Mississippi State, MS 39762; (601) 325-2311.

**Musser International Turfgrass Foundation, P.O. Box 124, Sharon Center, OH 44274; (216) 239-2383.

**National Turfgrass Evaluation Program, BARC-West, Bldg. 001, Room 333, Beltsville, MD 20705; (301) 344-2125.

**New Jersey Turfgrass Association, Soils & Crops Dept., P.O. Box 231, Cook College, Rutgers University, New Brunswick, NJ 08903; (201) 932-9453.

**New York State Turfgrass Association, P.O. Box 612, Latham, NY 12110; (800) 873-8873.

**New York Turf & Landscape Association, Inc., P.O. Box 307, Scarsdale, NY 10583; (914) 636-2875.

**North Carolina Turfgrass Council, P.O. Box 36160, Raleigh, NC 27606; (919) 851-2901.

**North Central Turfgrass Association, P.O. Box 10444, Fargo, ND 58106; (701) 232-0215.

**Northern California Turfgrass Council, 425 Oak St., Brentwood, CA 94513.

**Northwest Turfgrass Association, 1367 Olympia, WA 98507; (206) 754-0825.

**Ohio Lawn Care Association, 16019 Waterloo Rd., Cleveland, OH 44110; (216) 531-5446.

**Ohio Turfgrass Foundation, 2021 Coffey Rd., Columbus, OH 43210; (614) 292-2601.

**Pennsylvania Turfgrass Council, P.O. Box 417, Bellefonte, PA 16823; (814) 355-8010.

**Professional Lawn Care Association of America, 1000 Johnson Ferry Rd. N.E., Suite C-135, Marietta, GA 30068-2112; (404) 977-5222.

**Rocky Mountain Regional Turfgrass Association, P.O. Box 903, Parker, CO 80134; (303) 688-2268.

**South Carolina Lawn & Turfgrass Association, Clemson University, P.O. Box 325, Clemson, SC 29633.

**Southern California Turfgrass Council; 26442 Vera Cruz, Mission Viejo, CA 92691; (714) 951-8547.

**Southern Turfgrass Association, 1003 Howe, College Station, TX 77845; (409) 693-1656.

**Southwest Turfgrass Association, Crop & Soils Dept., New Mexico State University, Las Cruces, NM 88003; (505) 646-3028.

**Tennessee Turfgrass Association, c/o Mid-East Power Equipment Co., 533 Hagan St., Nashville, TN 37203; (615) 242-4600.

**Texas Turfgrass Association, 1003 Howe, College Station, TX 77845; (409) 693-1656.

**Tidewater Turfgrass Association, P.O. Box 2171, Norfolk, VA 23501.

**Turf & Landscape Council, P.O. Box 7506, Ventura, CA 93006; (805) 495-2770.

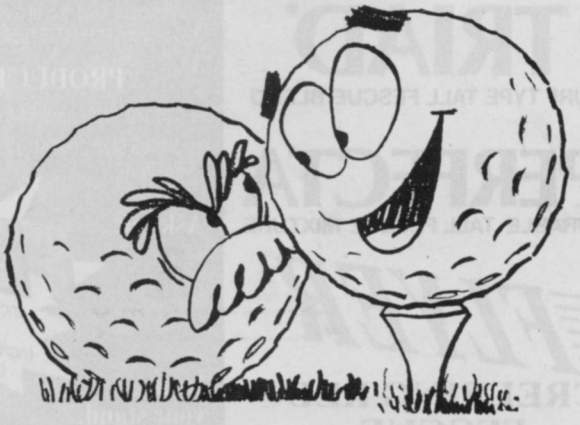
**Turfgrass Council of North Carolina, P.O. Box 289, Southern Pines, NC 28388; (919) 695-1333.

**Virginia Turfgrass Association, 2646 Greenland Ave. NW, Roanoke, VA 24012; (703) 362-4781.

**Virginia Turfgrass Council, P.O. Box 9548, Virginia Beach, VA 23450; (804) 340-3473.

Wisconsin Turfgrass Associa-tion, Bishops Woods, Suite 104, Brookfield, WI 53005; (414) 274-6311. **LM

This Week, Set Aside 4 Hours And Tee It Up With An In-Law.



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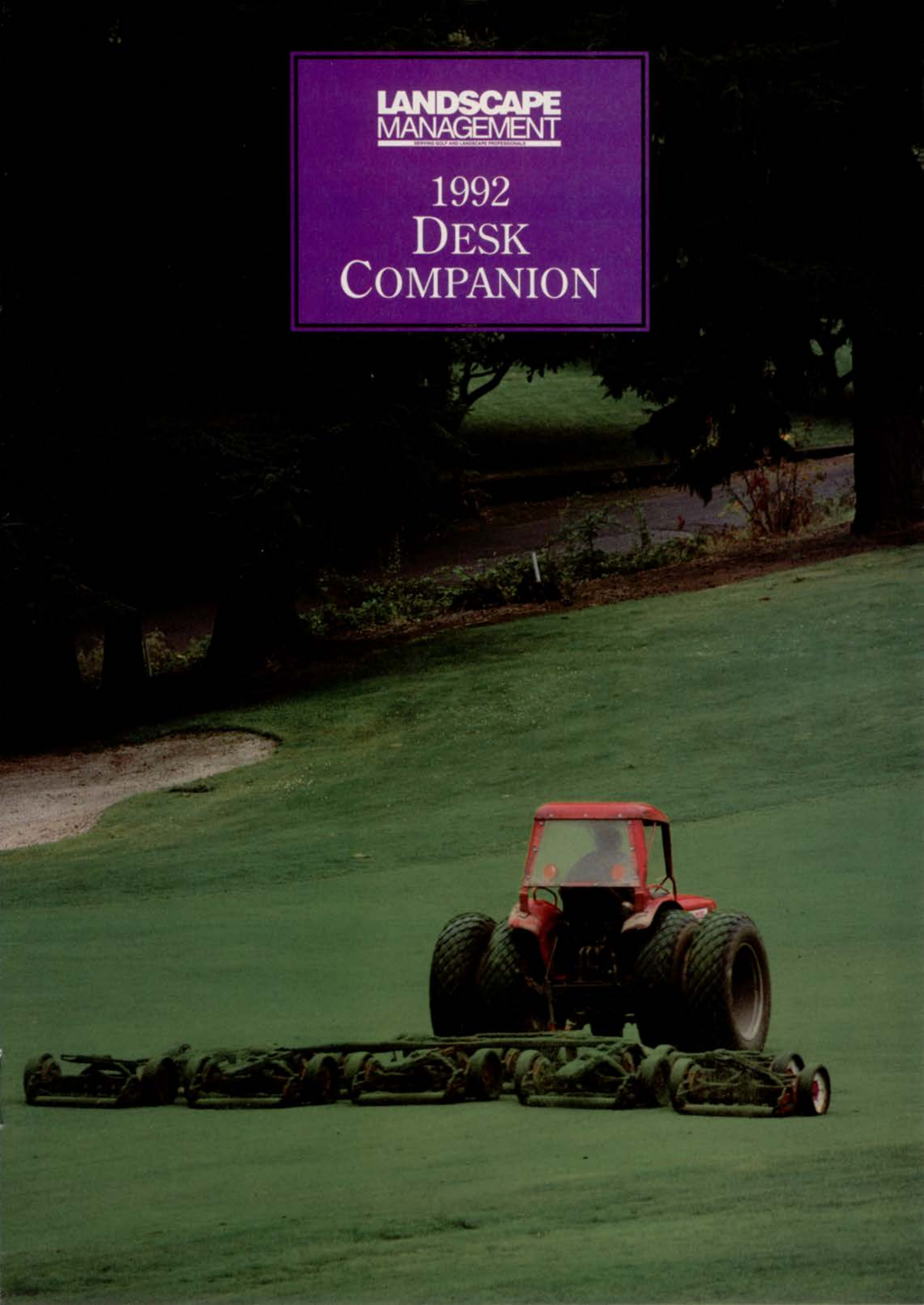

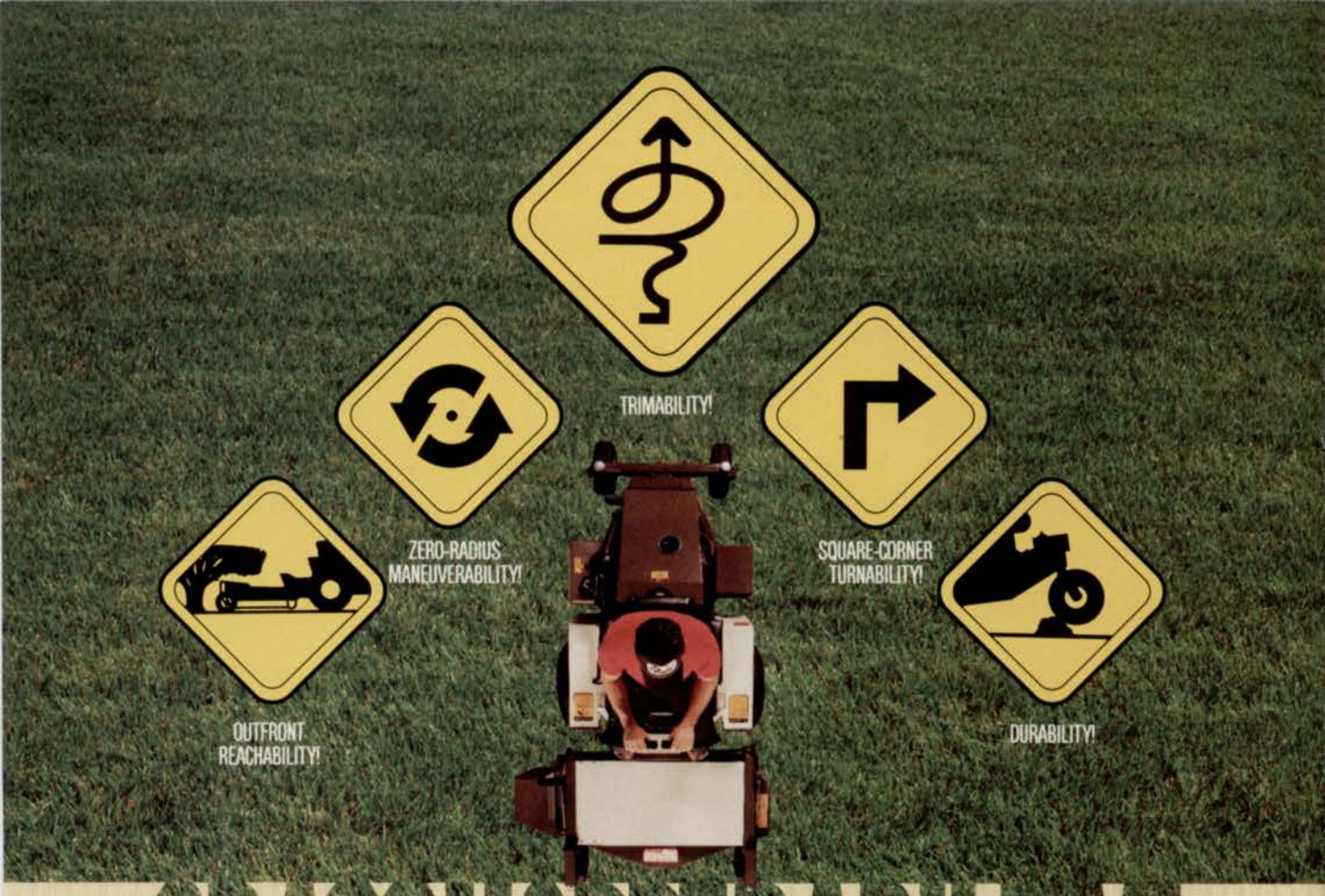

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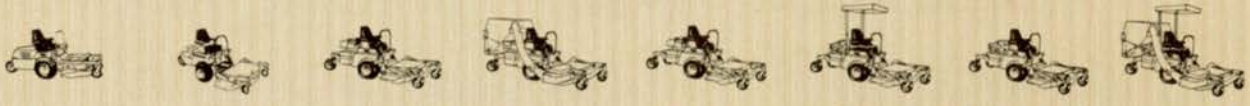

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LANDSCAPE MANAGEMENT

MEETING DATES 1991—1992

1991

Sept. 12: Northern California Turfgrass Council Field Day, Valleho, Calif. (415) 516-0146 or (415) 516-1301

Sept. 13-14: Southwest Horticultural Trade Show, Phœnix, Ariz. (602) 966-1610

Sept. 13-15: Florida Nursery & Allied Trades Show (FNATS), Orlando, Fla. (407) 345-8137

Sept. 16-19: Northwest Turfgrass Conference, Cœur d'Alene, Ida. (206) 754-0825

Sept. 17: Metropolitan GCSA Field Day, Rye, N.Y. (203) 748-5069

Sept. 17-19: Pacific Horticultural Trade Show, San Diego, Calif. (916) 448-2881

Sept. 20-22: Bonsai & Orchid Expo, Raleigh, N.C. (302) 736-6781

Sept. 23-24: American Assn. of Nurserymen Legislative Leadership Conference, Washington, D.C. (202) 789-2900

Oct. 3-6: International Trade Fair for Horticulture, Frankfort, Germany (069) 7575-6477

Oct. 7-9: Golf Course Europe, Wiesbaden, Germany (49-611) 527017

Oct. 8: Target Specialty Products Annual Fall Seminar, Riverside, Calif. (800) 352-3870 or (213) 865-9541

Oct. 10: Target Specialty Products Annual Fall Seminar, San Diego, Calif. (800) 237-5233 or (619) 586-1933

Oct. 13-16: Florida Turfgrass Annual Conference & Show, Jacksonville, Fla. (800) 882-6721 or (407) 898-6721

Oct. 14-17: California Association of Nurserymen Annual Convention, Santa Barbara, Calif. (916) 448-2881

Oct. 15: Target Specialty Products Annual Fall Seminar, Sacramento, Calif. (714) 821-9020

Oct. 15-17: Hawaiian Mid-Pacific Horticultural Trade Show, Hilo, Hawaii (808) 833-3369

Oct. 15-17: Kentucky Turfgrass Council Conference, Owensboro, Ky. (606) 622-2228

Oct. 17-19: American Society of Consulting Arborists Annual Meeting, Albuquerque, N.M. (303) 420-9554

Oct. 17-21: Congress for Recreation & Parks, Baltimore, Md. (703) 820-4940

Oct. 19-22: American Society of Landscape Architects Annual Meeting, Kansas City, Mo. (202) 686-2752

Oct. 27-Nov. 1: American Society of Agronomy, Soil Science Society of America annual meetings, Denver, Colo. (608) 273-8080

Oct. 29-31: Atlantic Seedsmen's Annual Convention, State College, Pa. (814) 237-0330

Nov. 3: American Seed Tradesmen's Lawn Seed Conference, Kansas City, Mo. (202) 233-4080

Nov. 3-5: Georgia Golf Course Superintendents Annual Meeting, (404) 769-4076

Nov. 5-6: Indiana Lawn Care Conference, Indianapolis, Ind. (317) 575-9010

Nov. 5-7: Clemson Turfgrass Conference, Greenville, S.C. (800) 476-4272

Nov. 5-8: New York State Turf and Grounds Expo, Rochester, N.Y. (800) 873-8873 or (518) 783-1229.

Nov. 8: Consulting Arboriculture Short Course, Denver, Colo. (303) 420-9554

Nov. 10-13: International Irrigation Expo, San Antonio, Tex. (703) 524-1200

Nov. 11-13: Penn State Golf Turf Conference, University Park, Pa. (814) 863-3475

Nov. 12-14: Kansas Turfgrass Conference, Topeka, Kans. (913) 532-6170

Nov. 16-19: Southern Turfgrass Association Conference, Memphis, Tenn. (409) 693-1656.

Nov. 17-21: Green Industry Expo, Tampa, Fla. (404) 973-2019

Nov. 19-20: Southern Grounds & Turf Maintenance Expo, Myrtle Beach, S.C. (803) 737-9355

Nov. 19-20: North Carolina Irrigation Conference, Raleigh, N.C. (919) 737-2675

Dec. 2-4: Rocky Mountain Turf Conference, Denver, Colo. (303) 688-3440

Dec. 3-4: North Central Turfgrass Expo, St. Charles, Ill. (312) 644-0828

Dec. 3-5: Missouri Lawn and Turf Conference, Columbia, Mo. (314) 882-4087

Dec. 5-7: Tree Care Industry Expo '91, Columbus, Ohio (603) 673-3311

Dec. 7-11: Texas Turfgrass Association Conference, Fort Worth, Texas (409) 693-1656

Dec. 9-11: Canadian Turfgrass Conference, Toronto, Ontario, Canada (416) 249-7304

1992

Jan. 4-6: Mid-Atlantic Nurserymen's Trade Show, Baltimore, Md. (301) 256-6474

Jan. 6-8: Nebraska Turfgrass Conference, Omaha, Neb. (402) 463-5418

Jan. 6-8: Turfgrass '92, Baltimore, Md. (301) 335-3700

Jan. 7-9: Ontario Turfgrass Symposium, Ontario, Canada (519) 824-4120

Jan. 7-10: Eastern Pennyslvania Turf Conference, King of Prussia, Pa. (814) 863-3475

Jan. 8-10: North Carolina Turfgrass Conference, Charlotte, N.C. (919) 695-1333

Jan. 8-10: Eastern Regional Nurserymen's Convention, Kiamesha Lake, N.Y. (203) 872-2095

Jan. 9-10: New Hampshire Turf Conference, Manchester, N.H. (603) 862-3202

Jan. 9-11: Washington State Nurserymen's Annual Convention, Seattle, Wash. (206) 863-4482 or (206) 863-6732

Jan. 15: Professional Turf & Landscape Conference, White Plains, N.Y. (914) 636-2875

Jan. 15-17: Utah Green Industry Conference, Salt Lake City, Utah (801) 487-4131

Jan. 19-21: Empire State Tree Conference, Albany, N.Y. (518) 783-1322

Jan 20-22: Michigan Turfgrass Conference, Lansing, Mich. (517) 353-9022

Jan. 20-22: Iowa Turfgrass Conference, Des Moines, Ia. (515) 294-0027

Jan. 20-23: Central Environmental Nursery Trade Show (CENTS), Columbus, Ohio (800) 825-5062 or (614) 431-2452

Jan. 21-23: Midwest Regional Turf Conference, Indianapolis, Ind. (317) 494-4785

Jan. 21-23: National Tropical Foliage Short Course, Ft. Lauderdale, Fla. (407) 886-1036

Jan. 21-23: Landscape Ontario Congress '92, Hamilton, Ontario, Canada (416) 629-1184

Jan. 24-25: Georgia Green INdustry Association Conference, College Park, Ga. (404) 492-4664

Jan. 26-29: Associated Landscape Contractors of America Executive Forum, Naples, Fla. (703) 241-4004

Jan. 29-30: Northern California Turf and Landscape Expo, Santa Clara, Calif. (415) 516-0146

Jan. 31-Feb. 2: National Landscape Association Management Clinic, Louisville, Ky. (202) 789-2900

Feb. 3-5: Mid-America Green Industry Convention (MAGIC), Kansas City, Mo. (816) 765-7616

Feb. 4: Target Specialty Products Annual Seminar, Fresno, Calif. (800) 827-4389 or (209) 291-7740

Feb. 7: Target Specialty Products Annual Seminar, San Jose, Calif. (408) 293-6032 or (800) 767-0719

Feb. 10-13: Pennsylvania Nurserymen's and Allied Industries Conference, Hershey, Pa. (814) 865-8301

Feb. 10-17: International Golf Course Conference and Show, New Orleans, La. (913) 841-2240

Feb. 11: Target Specialty Products Annual Seminar, Phœnix, Ariz. (800) 352-5548 or (602) 437-4642

Feb. 13-14: Target Specialty Products Annual Seminar, Buena Park, Calif. (800) 352-3870 or (213) 865-9541

Feb. 18-23: National Arborists Association Annual Meeting, Scottsdale, Ariz. (603) 673-3311

Feb. 25-27: Western Pennsylvania Turf Conference, Monrœville, Pa. (814) 863-3475

Feb. 25-27: Illinois Landscape Contractors Winter Seminar, Chicago, Ill. (708) 932-8443

Feb. 27-28: Colorado Landscape Industry Conference, Denver, Colo. (303) 757-5611

Feb. 29-Mar. 1: Tampa Bay Horticultural Trade Show, Tampa, Fla. (813) 920-4393

May 8: Target Specialty Products Field Day, Tempe, Ariz. (800) 352-5548 or (602) 437-4642

March 10-13: Missouri Parks & Recreation Conference, (314) 636-3828

June 14-17: American Association of Botanical Gardens & Arboreta Annual Meeting, Columbus, Ohio (216) 256-1110

June 18: Turf Seed Field Day, Hubbard, Ore. (503) 981-9571

July 17-18: New World Flora '92, Columbus, Ohio (407) 886-1036

July 24-26: Tree and Shrub Insect and Disease Seminar, Ithaca, N.Y. (518) 783-1322

July 26-31: Perennial Plant Symposium, Cleveland, Ohio (614) 771-8431

July 31-Aug. 2: Tree and Shrub Insect and Disease Seminar, Ithaca, N.Y. (518) 783-1322

Aug. 7-9: TAN-MISSLARK Regional Nursery & Garden Supply Show, Houston, Tex. (512) 280-5182

Aug. 13-15: Northeastern New York Nursery Tour, Mass. & R.I. (518) 783-1322

KEY NATIONAL PROFESSIONAL ORGANIZATIONS

Associated Landscape Contractors of America, 405 N. Washington St., Falls Church, VA 22046; (703) 241-4004. Debra Dennis, executive director.

American Sod Producers Association, 1855-A Hicks Rd., Rolling Meadows, IL 60008; (708) 705-9898. Douglas Fender, executive director.

International Society of Arboriculture, P.O. Box 908, Urbana, IL 61801; (217) 328-2032.

Golf Course Superintendents Association of America, 1421 Research Park Dr., Lawrence, KS 66049-3859; (913) 841-2240. John Schilling, executive director

International Turfgrass Society, Crop & Soil Environmental Sciences, VPI-SU, Blacksburg, VA 24061-0403; (703) 231-9796. Dr. Richard Schmidt, secretary/treasurer.

National Arborist Association, The Meeting Place Mall, P.O. Box 1094, Amherst, NH 03031-1094; (603) 673-3311. Robert Felix, executive director.

National Golf Foundation, 1150 South U.S. Highway One, Jupiter, FL 33477; (407) 744-6006. Joseph Beditz, president.

Professional Grounds Management Society, 10402 Ridgland Rd., Suite 4, Cockeysville, MD 21030; (301) 667-1833. Allan Shulder, executive director.

Professional Lawn Care Association of America, 1000 Johnson Ferry Rd., NE, Suite C-135, Marietta, GA 30068-2112; (404) 977-5222. Ann McClure, executive vice-president.

Responsible Industry for a Sound Environment, 1155 15th St. NW, Washington, D.C. 20005; (202) 296-6085. Allen James, executive director.

Sports Turf Managers Association, P.O. Box 98056, Las Vegas, NV 89193-8056; (702) 739-8052. Dale Keller, executive director.

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LANDSCAPE MANAGEMENT

1992 HOLIDAYS

New Year's Day: Wednesday, Jan. 1

Martin Luther King's Birthday (observed): Monday, Jan. 20

Lincoln's Birthday: Wednesday, Feb. 12

Valentine's Day: Friday, Feb. 14

President's Day: Monday, Feb. 17

Washington's Birthday: Saturday, Feb. 22

Ash Wednesday: Wednesday, March 4

St. Patrick's Day: Tuesday, March 17

Palm Sunday: Sunday, April 12

Good Friday: Friday, April 17

Passover: Saturday, April 18

Easter: Sunday, April 19

Mother's Day: Sunday, May 10

Memorial Day: Saturday, May 30

Flag Day: Sunday, June 14

Father's Day: Sunday, June 21

Independence Day: Saturday, July 4

Labor Day: Monday, Sept. 7

Rosh Hashanah: Monday, Sept. 28

Yom Kippur: Wednesday, Oct. 7

Columbus Day: Monday, Oct. 12

Election Day: Tuesday, Nov. 3

Thanksgiving: Thursday, Nov. 26

Hanukkah: Sunday, Dec. 20

Christmas: Friday, Dec. 25

TABLES OF WEIGHTS AND MEASURES

Linear Measure

1 mil = 0.001 inch = 0.0254 millimeter
1 inch = 1,000 mils = 2.54 centimeters
12 inch = 1 foot = 0.3048 meter
3 feet = 1 yard = 0.9144 meter
5 1/2 yds. = 1 rod = 5.029 meters
40 rods = 1 furlong = 201.168 meters
5,280 feet = 1 mile = 1.6093 kilometers
3 miles = 1 league = 4.83 kilometers

Square Measure

1 square inch = 6.452 square centimeters
144 square inch = 1 square foot = 929.03 square centimeters
9 square feet = 1 sq. yard = 0.831 square meter
30 1/4 square yards = 1 square rod = 25.292 square meters
160 sq. rods/4,840 sq.yds./43,560 square feet = 1 acre = 0.4047 hectare
640 acres = 1 square mile = 259.00 hectares or 2,590 square kilometers

Cubic Measure

1 cubic inch = 16.387 cubic centimeters
1,728 cubic inches = 1 cubic foot = 0.0283 cubic meter
27 cubic feet = 1 cubic yard = 0.7646 cubic meter
16 cubic feet = 1 cord foot = 0.453 cubic meter
128 cubic feet or 8 cord feet = 1 cord = 3.625 cubic meters

Chain Measure

(for surveyor's chain)
7.92 inches = 1 link = 20.12 = centimeters
100 links = or 60 feet = 1 chain = 20.12 meters
10 chains or 220 yards = 1 furlong = 20.17 meters
80 chains = 1 mile = 1.609.3 meters
(for engineer's chain)
1 foot = 1 link = 0.3048 meters
100 feet = 1 chain = 30.48 meters
52.8 chains = 1 mile or 1,609.3 meters

Dry Measure

1 pint = 33.60 cubic inches = 0.5506 liter
2 pints = 1 quart = 67.20 cubic inches = 1.1012 liters
8 quarts = 1 peck = 537.61 cubic inches = 8.8098 liters
4 pecks = 1 bushel = 2,150 .42 cubic inches = 35.2390 liters

Liquid Measure

1 gill = 4 fluid ounces = 7.219 cubic inches = 0.1183 liter
4 gills = 1 pint = 28.875 cubic inches = 0.4732 liter
2 pints = 1 quart = 57.75 cubic inches = 0.9464 liter
4 quarts = 1 gallon = 231 cubic inches = 3.7854 liters

THE METRIC SYSTEM

Linear Measure

1 millimeter = 0.03937 inch
10 millimeters = 1 centimeter = 0.3937 inch
10 decimeters = 1 meter = 39.37 inches/3.2808 feet
10 meters = 1 decameter = 393.7 inches
10 decameters = 1 hectometer = 328.08 feet
10 hectometers = 1 kilometer = 0.621 mile or 3,280.8 feet
10 kilometers = 1 myriameter = 6.21 miles

Square Measure

1 square millimeter = 0.00155 square inch
100 square millimeters = 1 square centimeter = 0.15499 square inch
100 square centimeters = 1 suare decimeter = 15.499 square inches
100 square decimeters = 1 square meter = 1,549.9 square inches or 1.196 square yards
100 square meters = 1 square decameter = 119.6 square yards
100 square decameters = 1 square hectometer = 2.471 acres
100 square hectometers = 1 square kilometer = 0.386 square mile or 247.1 acres

Land Measure

1 square meter = 1 centiare = 1.549.9 yards
100 centiares = 1 are = 119.6 square yards
100 ares = 1 hectare = 2.471 acres
100 hectares = 1 square kilometer = 0.386 square mile or 247.1 acres

Capacity Measure

10 milliliters = 1 centiliter = 0.338 fluid ounce
10 centiliters = 1 deciliter = 3.38 fluid ounces or 0.1057 liquid quart
10 liters = 1 hectoliter = 26.418 gallons or 2.838 bushels
10 hectoliters = 1 kiloliter = 264.18 gallons or 35.315 cubic feet

Weights

10 milligrams = 1 centigram = 0.1543 grain or 0.000353 ounce (avdp.)
10 centigrams = 1 decigram = 1.5432 grains
10 decagrams = 1 gram = 15.432 grains or 0.035274 ounce (avdp.)
10 hectograms = 1 kilogram = 2.2046 pounds
10 kilograms = 1 myriagram = 22.046 pounds
10 myriagrams = 1 quintal = 220.46 pounds
10 quintals = 1 metric ton = 2,204.6 pounds

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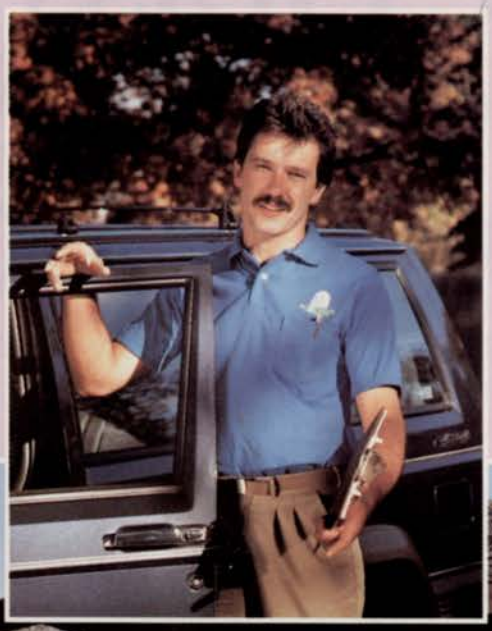

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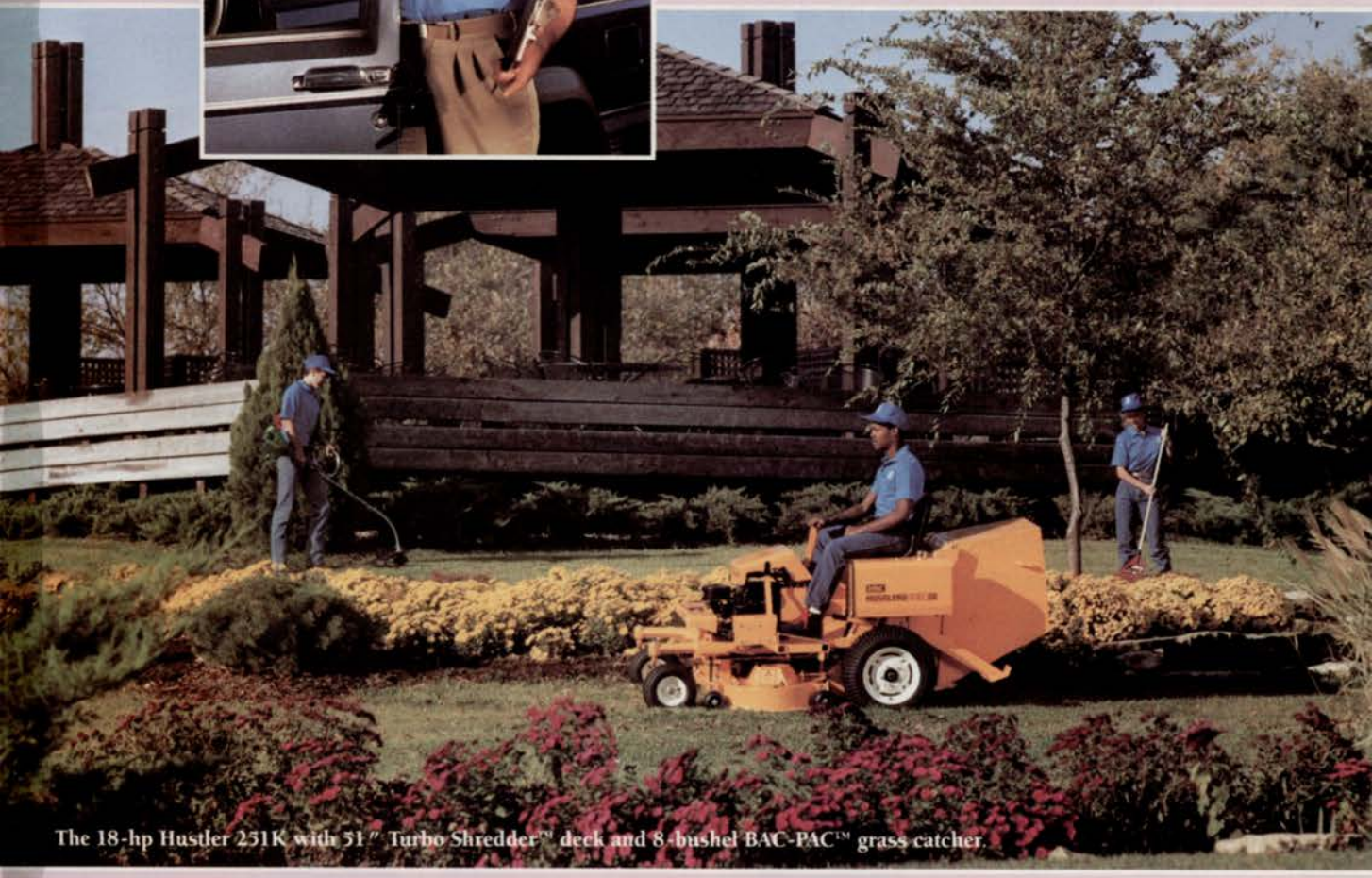

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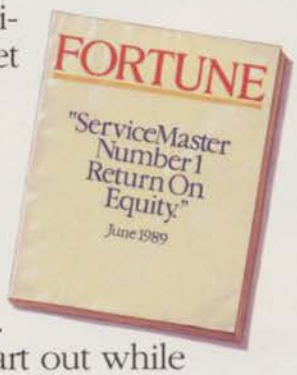

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1. Equipment

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Curtis Marketing Corp
Western Wood Structures Inc

Brush Cutters, Hand Held

Ames Co
Ariens Co
Brushking
Bunton Co
Carswell Distributing Co
Carswell Import & Marketing
Deere & Co
DOB Distributors Inc
Forestry Suppliers Inc
Greenline Distributors Inc
Hoffco Inc
Homelite Div Textron Inc
Landscapers Supply Corp
LESCO Inc
Maibo Mfg Inc
Northeastern Assocs
Rahrig Sales Inc
Redmax
Sachs-Dolmar
Shindaiwa Inc
Solo Inc
Stihl Inc
Tanaka Ltd
Teufel Nursery Inc
J Thomas Distributors Inc
True Temper Hardware
Wikco Industries Inc
Yazoo Mfg Co

Brush Cutters, Right-of-Way

Dandl Mfg Co
Deere & Co
Kinco Mfg
Land Pride Div Great Plains Mfg
Maibo Mfg Inc
Mathews Co
Northeastern Assocs
Yeager-Twose Equipment Div

Bucket Lifts

Guest Industries Inc
Westendorf Mfg Co

Carts, Lawn

Carswell Distributing Co
Country Mfg Inc
Deere & Co
Falkenberg Inc
Gravely Intl Inc
Ingersoll Equipment Co
Kadco Inc
Northeastern Assocs
Plastics Research Corp Horticultural Products Div
Precision Products Inc
Riburn Industries Inc
Westheffer Co
Wheel Horse Products Inc

Chain Saws

Ariens Co
Carswell Distributing Co
Homelite Div Textron Inc
Maibo Mfg Inc
Northeastern Assocs
Progressive Power Tools Corp
Rahrig Sales Inc
Redmax
Sachs-Dolmar
Shindaiwa Inc
Solo Inc
Stanley Hydraulic Tools
Stihl Inc
Tanaka Ltd
Teufel Nursery Inc

Chain Saw Parts

Carswell Distributing Co
Greenline Distributors Inc
Homelite Div Textron Inc
Landscapers Supply Corp
Maibo Mfg Inc
Northeastern Assocs
Power Lawnmower Parts Inc
Redmax
Sachs-Dolmar
Solo Inc
Stihl Inc
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PLCAA '91
November 18-21

Circle No. 128 on Reader Inquiry Card

continued

Carswell Distributing Co
Crary BearCat Co
Cub Cadet Corp
Duerr Inc
Forestry Suppliers Inc
Haybuster Mfg Inc
Ingersoll Equipment Co
Kinco Mfg
Lindig Mfg Corp
Little Wonder
Northeastern Assocs
Olathe Mfg Inc
Roto-Hoe Co
Salsco Inc
Snapper Power Equipment
Stahl A Scott Fetzer Co
Vermeer Mfg Co
Wikco Industries Inc

Computer Hardware/Software

Clean Cut Inc
Computer Barron
Dilloware Inc
Real Green Computers
Red Wing Business Systems
Thornton Computer Management System
Trims Grounds Management Software

Cultivators

American Honda Motor Co
Ames Co
Ariens Co
Chilton Mfg Corp
Deere & Co
DOB Distributors Inc
Gravely Intl Inc
Hoffco Inc
Homelite Div Textron Inc
Lely Pacific Inc
Little Wonder
Solo Inc
Stihl Inc
Tanaka Ltd
Towt Industries Intl
Tradewinds Inc
True Temper Hardware

Dethatchers

Ariens Co
BlueBird International Inc
Brouwer Turf Equipment Ltd
Bunton Co
Carswell Distributing Co
J I Case Outdoor Power Equip Div
CTL Corp
Cushman Inc
Dandl Mfg Co
Deere & Co
Encore Mfg Co
Exmark Mfg Co
Fuerst Brothers Inc
Glenmac Inc
Hahn Inc
Hoffco Inc
Jacobsen Textron
Karsten Turf Inc
F D Kees Mfg Co
Kinco Mfg
Landscapers Supply Corp
Lely Pacific Inc
LESCO Inc
Mathews Co
Northeastern Assocs
Olathe Mfg Inc
Parker Sweeper Co
Precision Products Inc
Ransomes Inc
Sisis Inc Turf Equipment
Snapper Power Equipment
Sweepster Inc
Tanaka Ltd
Tine Rake Co
True Temper Hardware
Wikco Industries Inc
Yard Vac Products Inc

Disease Detection Kits

Automata Inc
Teufel Nursery Inc
Turf & Nursery Supply Inc

Dozers

Deere & Co

Drainage Material

Akzo Industrial Systems Co
Contech Construction Products
Eljen Prefabricated Systems/Master Distr Inc
Greenstreak
Gundle Lining Systems Inc
Hydro-Turf & Assocs Inc
LESCO Inc
Lundin & Co
Master Distributors Inc
NDS
Plastics Research Corp Horticultural Products Div
Reemay Inc

Drainage Tubing

CertainTeed
Contech Construction Products
DeWitt Co
Hancor Inc
LESCO Inc
Lundin & Co
Master Distributors Inc

Drills

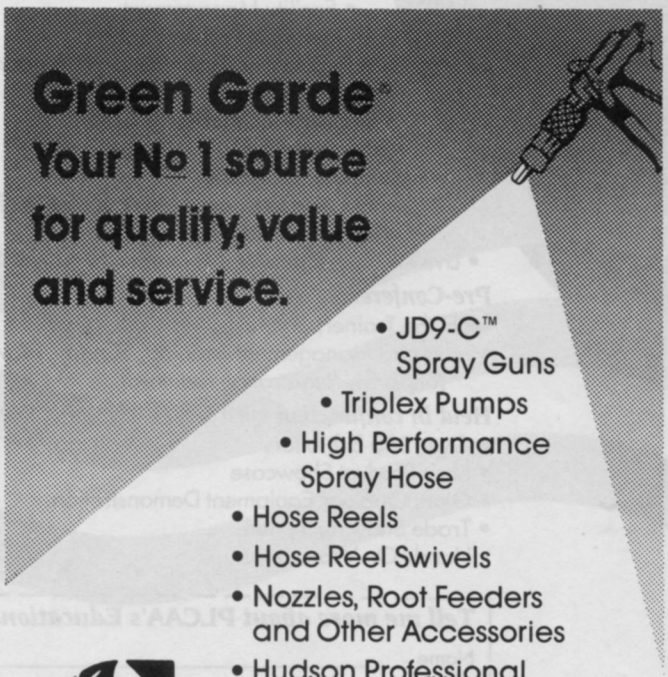
Ariens Co
Carswell Distributing Co
Deere & Co
Grow Gun Corp
Johnson's Industrial Supply Co
Little Beaver Inc
Redmax
Sisis Inc Turf Equipment
Stanley Hydraulic Tools
Tanaka Ltd

Dusters

Carswell Distributing Co
Carswell Import & Marketing
Encap Products Co
H D Hudson Mfg Co Green Garde Div
Maruyama US Inc
Robco USA Inc
Strong Enterprises Inc
Trebor Corp

Edgers

Ames Co
Ariens Co
Bunton Co
Carswell Distributing Co
Cub Cadet Corp
Curb King
Cushman Inc
Deere & Co
Encore Mfg Co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Same thing with chain saws and backpack blowers. I bought the discount-store brands first, before I knew better.

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–John Frick
Owner, Grassroots, Cincinnati, OH

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Stihl. For the part of you that promised you'd never compromise.

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continued

Greenline Distributors Inc
Greenstate Intl
Hoffco Inc
Homelite Div Textron Inc
Jacobsen Textron
F D Kees Mfg Co
Landscapers Supply Corp
LESCO Inc
Little Wonder
Maibo Mfg Inc
Maruyama US Inc
Northeastern Assocs
Rahrig Sales Inc
Redmax
Scag Power Equipment Inc
Steiner Turf Equipment Inc
Tanaka Ltd
True Temper Hardware
Wheel Horse Products Inc
Wikco Industries Inc

Edging, Lawn

Curv-Rite Aluminum Edging

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ALUMINUM EDGING

Deere & Co
Eberhart Steel Products Plastic Div
Forestry Suppliers Inc
Hoglund Landscape Construction
Landscapers Supply Corp
Master Distributors Inc
NEV-R-TRIM Inc
Oly-Ola Sales Inc

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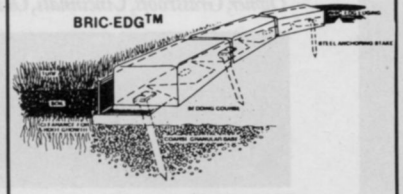

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Oly-Ola Sales, Inc.
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Villa Park, Illinois 60181

Patrician Products
PermaLoc Aluminum Edging
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Tree Guard Inc
Turfco Mfg Inc
Valley View Specialties Co
Wikco Industries Inc

Engine Parts

Akron Landscape Supply
Briggs & Stratton Corp
Carswell Import & Marketing
Champion Spark Plug Co
Clinton Engines Corp
Deere & Co
Greenline Distributors Inc
Kohler Co Engine Div
Landscapers Supply Corp
LESCO Inc
Lombardini USA Inc
Power Lawnmower Parts Inc
Professional Tree & Turf Equipment
Sachs-Dolmar
Tecumseh Products Co Engine & Transmission Group
J Thomas Distributors Inc
Wheel Horse Products Inc

Engines, Diesel

American Honda Motor Co
Deere & Co
Deutz Corp
Ford New Holland
Kubota Tractor Corp
Lister-Petter Inc
Lombardini USA Inc
Northeastern Assocs
Professional Tree & Turf Equipment
Teledyne Total Power
Tuflex Mfg Co

Engines, Gas

American Honda Motor Co
Briggs & Stratton Corp
Clinton Engines Corp
GNC Pump Inc
Greenline Distributors Inc
Kawasaki Motors Corp
Kohler Co Engine Div

KOHLER engines

Landscapers Supply Corp
Lombardini USA Inc
Northeastern Assocs
Onan Corp
Professional Tree & Turf Equipment
Tecumseh Products Co Engine & Transmission Group
Teledyne Total Power
Tuflex Mfg Co

Erosion Control Blocks

Chempath Inc The Grid System
Eberhart Steel Products Plastic Div
Hammer's Plastic Recycling Corp
Hydro-Turf & Assocs Inc
Keystone Retaining Wall Systems
Presto Products Co

Erosion Control Fabric

Akzo Industrial Systems Co
Belton Industries Inc
Blunk's
Colorado Lining Co
Contech Construction Products
Conwed Fibers
DeWitt Co
E I DuPont de Nemours & Co
Forestry Suppliers Inc
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Greenstreak
Hydro-Turf & Assocs Inc
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Tex-Net Inc
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Amiad USA Inc
Brushking
Chemigation Systems Intl Inc
Encap Products Co
Filtration Irrigation & Fertigation
Friend Mfg Corp
Grow Gun Corp
B A Heskett Inc
Inject-O-Meter Mfg Co
Karsten Turf Inc
LESCO Inc
J J Mauget Co
Medi-Ject Tree Injection Systems
Na-Churs Plant Food Co
Nature's Touch
Northeastern Assocs
Organic Lawn Care
Pumping Systems Inc
Robco USA Inc
Rogers-Innovative Inc
Spears Mfg Co
Teufel Nursery Inc
T F S Systems
Yeager-Twose Equipment Div

Filters, Sand

Amiad USA Inc
Filtration Irrigation & Fertigation
Claude Laval Corp
Limestone Products Corp
Na-Churs Plant Food Co

Foggers

Agrotec Inc
B & G Equipment Co
Stihl Inc
Teufel Nursery Inc
Wikco Industries Inc

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Brouwer Turf Equipment Ltd
Lawrence Inc
Raymond Corp
Teledyne Princeton
Waldon Inc
Worksaver Inc

Generators

American Honda Motor Co
Carswell Distributing Co
Deere & Co
Homelite Div Textron Inc
Kawasaki Motors Corp USA
Kubota Tractor Corp
Lister-Petter Inc
Onan Corp
Rahrig Sales Inc

Shindaiwa Inc
Tanaka Ltd

Geotextiles

Advanced Drainage Systems Inc
Akzo Industrial Systems Co
Belton Industries Inc
Blunk's
Colorado Lining Co
Contech Construction Products
Davenport Seed Corp
DeWitt Co
Environmental Protection Inc
Gundle Lining Systems Inc
B A Heskett Inc
Lundin & Co
Master Distributors Inc
Northeastern Assocs
Partac Peat Corp
Phillips Fibers Corp
Reemay Inc
Turf & Nursery Supply Inc
Warren's Turf Nursery Inc

Golf Cars

Club Car Inc
COLUMBIA ParCar Corp
E-Z-GO Textron
Femco Inc
Melex USA Inc

Golf Course Accessories

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Balsau Corp
Bay Bronze Industries
Bench Craft Co
Better Golf Inc
Forestry Suppliers Inc
Golf 2000 Corp
Green Pro Inc
Grund Guide
LESCO Inc
Markers Inc
Master of the Links
Northeastern Assocs
Par Aide Products Co
Reliable Racing Supply
Rugg Mfg Co
SGD Co
Standard Golf Co
Turf & Nursery Supply Inc
Westheffer Co
Yankee Turf Products Inc
Yardage Graphics

Grass Pavers

Chempath Inc The Grid System
Golf 2000 Corp
Hoglund Landscape Construction
Master Distributors Inc
Presto Products Co

Hose & Reels

Aabaco Industries Inc
Accuflex Industrial Hose
Agrotec Inc
American Water Broom
Ames Co
Ansan Industries
Arborchem Products Co
Bowie Industries Inc
Broyhill Co
Encap Products Co
Friend Mfg Corp
Gilmour Group
GNC Pump Inc
Greenline Distributors Inc
Grow Gun Corp
Clifford B Hannay & Son Inc
H D Hudson Mfg Co Green Garde Div
Maibo Mfg Inc
Na-Churs Plant Food Co
Northeastern Assocs
Organic Lawn Care
Professional Tree & Turf Equipment
Pumping Systems Inc
Robco USA Inc
Spraying Devices Inc
Steel Eagle
Strong Enterprises Inc
Teufel Nursery Inc
Tuflex Mfg Co
Westheffer Co

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Arco Parts

Irrigation Systems & Supplies

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AMETEK Inc Plymouth Products
Ansan Industries
Aquapore Moisture Systems
Arco Parts
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Buckner Inc
CertainTeed
Colorado Lining Co
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Gardenamerica
Gilmour Group
Greenlawn Sprinkler Co
Greenstate Intl
Griswold Controls
Hunter Industries
Irrigation Consultants
Kifco Irrigation
King Technology of Missouri
Lawns By Murphy
LESCO Inc
Master Distributors Inc
Matco Products Inc
Motorola Inc
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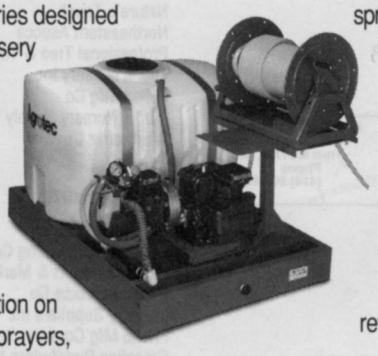

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Lighting Systems

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Curtis Marketing Corp
GE Lighting Systems
Hoglund Landscape Construction
Hubbell Lighting
Idaho Wood
Intermatic Inc
LESCO Inc
SGD Co
Voigt Lighting Industries
Wheel Spray Corp

Litter Receptacles

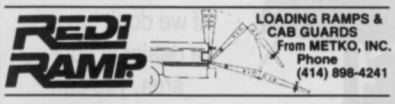
Bench Mfg Co
Country Casual
Curtis Marketing Corp
Forestry Suppliers Inc
Hammer's Plastic Recycling Corp
LESCO Inc
Master Distributors Inc
Master of the Links
Playworld Systems
Standard Golf Co
Victor Stanley Inc
Wausau Tile Inc
Windsor Barrel Works

Loaders

American Honda Motor Co
American Trencher Inc
Billy Goat Industries
J I Case Outdoor Power Equip Div
Deere & Co
Dual Mfg Co
Komatsu Dresser Co
Kubota Tractor Corp
Lely Pacific Inc
Massey-Ferguson Inc Industrial Machinery
Melroe Co Unit of Clark Equipment Co
Mustang Mfg Co
Olathe Mfg Inc
Ransomes Inc
Steiner Turf Equipment Inc
Waldon Inc
Westendorf Mfg Co

Loading Ramps

Akron Landscape Supply
Greenline Distributors Inc
Hoglund Landscape Construction
Melcher Mfg Co
Metko Inc Redi Ramp



Salsco Inc
SouthAG
Tiger Line Equipment
Wikco Industries Inc

Log Splitters

J I Case Outdoor Power Equip Div
Duerr Inc
Hodges Mfg Co
Ingersoll Equipment Co
Lindig Mfg Corp
Northeastern Assocs
Schweiss Inc
Vermeer Mfg Co
Wikco Industries Inc

Markers, Field

Aabaco Industries Inc
Beacon Sports Products Inc
Becker-Underwood Inc
Bench Craft Co
Blackburn Mfg Co
Chempath Inc The Grid System
Greenline Distributors Inc
Grund Guide
Hammer's Plastic Recycling Corp
LESCO Inc
Markers Inc
Partac Peat Corp
Pioneer Mfg
Professional Tree & Turf Equipment
Richway Industries

Sisis Inc Turf Equipment
Spectrum Technologies Inc
Wikco Industries Inc

Measuring Wheels

Aabaco Industries Inc
Akron Landscape Supply
Gandy Co
GNC Pump Inc
Jonathan Green Inc
Greenline Distributors Inc
Green Pro Services
Hendrix & Dail Inc
Imler Industries Inc
Landscapers Supply Corp
LESCO Inc
Master Distributors Inc
Meter-Man Inc
Nature's Touch
Northeastern Assocs
Professional Tree & Turf Equipment
Teufel Nursery Inc
Tuflex Mfg Co
Turf & Nursery Supply Inc
Westheffer Co

Mist Blowers

Agrotec Inc
Carswell Distributing Co
Carswell Import & Marketing
Encap Products Co
Forestry Suppliers Inc
Friend Mfg Corp
Greenline Distributors Inc
Maruyama US Inc
Redmax
Solo Inc
Stihl Inc
Trebor Corp
Westheffer Co

Moisture Sensors

Automata Inc
Everest Interscience Inc
Forestry Suppliers Inc
Glen Hilton Products
Marcom Industries Inc
Rain Bird Sales Inc Commercial Div
Soilmoisture Equipment Corp
Soiltest Inc
Spectrum Technologies Inc

Mower Accessories

Blue Mountain Industries
Bunton Co
Deere & Co
Exmark Mfg Co
Femco Inc
Greenline Distributors Inc
Homelite Div Textron Inc
Lawn-Boy Inc
LESCO Inc
Magna-Matic Corp
Northeastern Assocs
Power Lawnmower Parts Inc
Scag Power Equipment Inc
J Thomas Distributors Inc

Mower Parts

Akron Landscape Supply
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Dandl Mfg Co
Deere & Co
Greenline Distributors Inc
Homelite Div Textron Inc
Landscapers Supply Corp
Lawn-Boy Inc
LESCO Inc
Northeastern Assocs
Power Lawnmower Parts Inc
Ransomes Inc
Swisher Mower & Machine Co
J Thomas Distributors Inc
Ultra Fluid Technologies Inc
Woods

Mowers, Flail

CTL Corp
Dandl Mfg Co
Deere & Co
Ford New Holland
Gravely Intl Inc
Jacobsen Textron
Kubota Tractor Corp
Land Pride Div Great Plains Mfg
Lely Pacific Inc
Mathews Co
Micro-Mower Co
Wikco Industries Inc
Woods
Yazoo Mfg Co

Mowers, Reel

Brouwer Turf Equipment Ltd
Bunton Co
Carswell Distributing Co
Dandl Mfg Co
Deere & Co
Greenline Distributors Inc
Jacobsen Textron
Kubota Tractor Corp
Lely Pacific Inc
LESCO Inc
National Mower Co
Howard Price Turf Equipment
Ransomes Inc
Roseman Mfg Co
Sisis Inc Turf Equipment
Steiner Turf Equipment Inc
Toro Co
Wikco Industries Inc

Mowers, Rotary

Allen Power Equipment Co
American Honda Motor Co

Equipment

continued

Ariens Co
BEFCO
Bunton Co
Carswell Distributing Co
J I Case Outdoor Power Equip Div
CTL Corp
Cushman Inc
Dandl Mfg Co
Deere & Co
DewEze Mfg Inc
DIXIE CHOPPER Div Magic Circle Corp
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Greenline Distributors Inc
Homelite Div Textron Inc
Ingersoll Equipment Co
Jacobsen Textron
F D Kees Mfg Co
Kubota Tractor Corp
Land Pride Div Great Plains Mfg
Landscapers Supply Corp
Lawn-Boy Inc
Lely Pacific Inc
LESCO Inc
Massey-Ferguson Inc Industrial Machinery
Micro-Mower Co
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Ransomes Inc
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Scag Power Equipment Inc
Schweiss Inc
Simplicity Mfg Inc
Snapper Power Equipment
SouthAG
Steiner Turf Equipment Inc
Swisher Mower & Machine Co
Titan Turf
Toro Co
Walker Mfg Co
Wheel Horse Products Inc
Wikco Industries Inc
Woods
Yazoo Mfg Co

Mowers, Sickle Bar

BCS America Inc
Deere & Co

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Kubota's first-of-a-kind B-20 diesel tractor may surprise you. Imagine the power and performance of a Tractor/Loader/Backhoe with the versatility to maneuver in small spaces!

The B-20 is powered by a Kubota 20 HP liquid-cooled diesel engine. Hydrostatic transmission, integral power steering, and standard 4WD make the B-20 easy to move around a job site. The quick attach backhoe is driven hydraulically and includes an automatic return-to-dig mechanism.

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For more information, write to Kubota Tractor Corporation, P.O. Box 7020, Compton, California 90224-7020.

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Gravely Intl Inc
Kinco Mfg
Massey-Ferguson Inc Industrial Machinery
Wikco Industries Inc

Mulchers, Hydraulic

Bowie Industries Inc
Finn Corp
Ingersoll Equipment Co
Northeastern Assocs
Reinco Inc
SouthAG
TGMI Inc
Weyerhaeuser Engineered Fibers
Wikco Industries Inc

Netting

All West Golf Services Inc
Blue Mountain Industries
DeWitt Co
Jonathan Green Inc
Hydro-Turf & Assocs Inc
Master Distributors Inc
Reliable Racing Supply
Tex-Net Inc
Wikco Industries Inc

Nozzles & Accessories

Broyhill Co
Chem-Farm Inc
Delavan Inc
Encap Products Co
Friend Mfg Corp
GNC Pump Inc
Greenlawn Sprinkler Co
Greenline Distributors Inc
Hahn Inc
B A Heskett Inc
H D Hudson Mfg Co Green Garde Div
Hypro Corp
LESCO Inc
Na-Churs Plant Food Co
Northeastern Assocs
Parker Hannifin Corp
Parker Hannifin Corp Brass Products Div
Professional Tree & Turf Equipment
Rain Bird Sales Inc Commercial Div
Spraying Devices Inc
Spraying Systems Co
Strong Enterprises Inc
Teufel Nursery Inc
Toro Co Irrigation Div
Trebor Corp
Tri-Con Inc

Picnic Tables

Curtis Marketing Corp
Green Pro Inc
Hammer's Plastic Recycling Corp
Outdoor Aluminum Inc
Playworld Systems
SGD Co
Victor Stanley Inc
Teufel Nursery Inc
Wausau Tile Inc

Pipe

Advanced Drainage Systems Inc
Brownline Pipe Co
CANTEX
CAPCO Pipe Co
CertainTeed
Master Distributors Inc
Teufel Nursery Inc

Pipe Locators

Aqua-Tronics Inc
Bloch & Co

Play Structures

Curtis Marketing Corp
Hammer's Plastic Recycling Corp
Oly-Ola Sales Inc
Parcourse Ltd
Playworld Systems
Wausau Tile Inc

Post Hole Diggers

BEFCO
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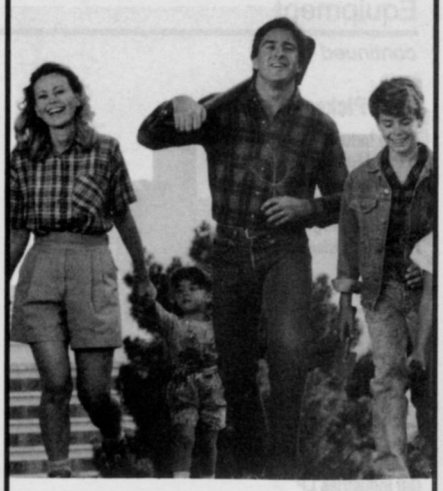

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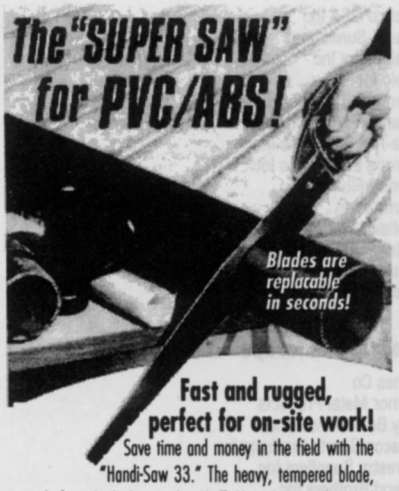

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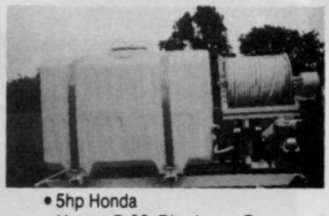
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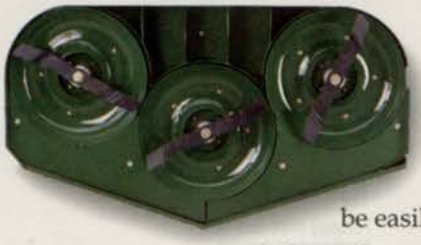

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- *Choice of high-back suspension seats for all day comfort.*

Introducing the new, 4WD Turfcat.®

The 4WD Turfcat T422D climbs steep hills* with just a flip of a switch. For better side hill traction, a step on a pedal engages the differential lock.

Unlike some mechanical versions, the Turfcat's hydraulic drive system also maintains constant 4WD in turns. Tire slip is reduced to maintain quality turf without scuffing.

The Turfcat's wide track stance and low center of gravity provide superior stability going uphill or down.

A two speed transaxle lets you match the Turfcat's speed to your job. Low gear provides more torque to the cutting deck, while the hydrostatic drive lets you change mowing speeds to match conditions. High gear provides faster transport speed between jobs.

Dependable hydraulic systems.

Best of all, the Turfcat gives you a new generation of reliability with our exclusive, hydraulic 4WD and hydraulic PTO. Systems that do away with a host of moving parts. The results are smoother operation and longer life with dramatically less maintenance.

Choose the Turfcat you need: a 22 HP diesel in 2WD or 4WD or a 36 HP gas engine in 2WD.

See your distributor today for a demonstration. Find out how you can improve your upward mobility.

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*Consult your operator's manual for safety instructions when mowing hills.

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J-8-0

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Fax 305-749-6221

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605-356-3325
Fax 605-356-2330

Accuflex Industrial Hose
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Canton MI 48187
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Fax 313-451-0544

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614-457-3051
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800-457-8310
Fax 519-863-2398

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602-744-7720
Fax 602-797-1526

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Fax 608-246-7676

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Fax 704-665-5009

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Dayton OH 45459
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Duluth GA 30136
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Fax 404-497-6008/6009

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213-699-0500

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Fax 213-251-4650

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Fax 319-922-2130

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Fax 815-874-6885

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Fax 503-653-9963

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Fort Washington PA 19034
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Fax 215-784-1366

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402-896-6320

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Fax 517-561-2273

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Moorestown NJ 08057
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Winnipeg MB Canada R2R 0J2
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508-371-3080
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Fax 708-893-0455

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Fax 501-362-5407

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Fax 414-259-5338

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San Marcos TX 78667
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Fax 205-558-4224

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Fax 919-767-8802

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Fairfax MN 55332
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800-231-4012
Fax 713-991-5586

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Chilton WI 53014
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Fax 319-652-3427

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Augusta GA 30917-4658
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Fax 404-860-7231

★Colorado Lining Co
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Fax 303-841-5780

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Fax 608-764-8246

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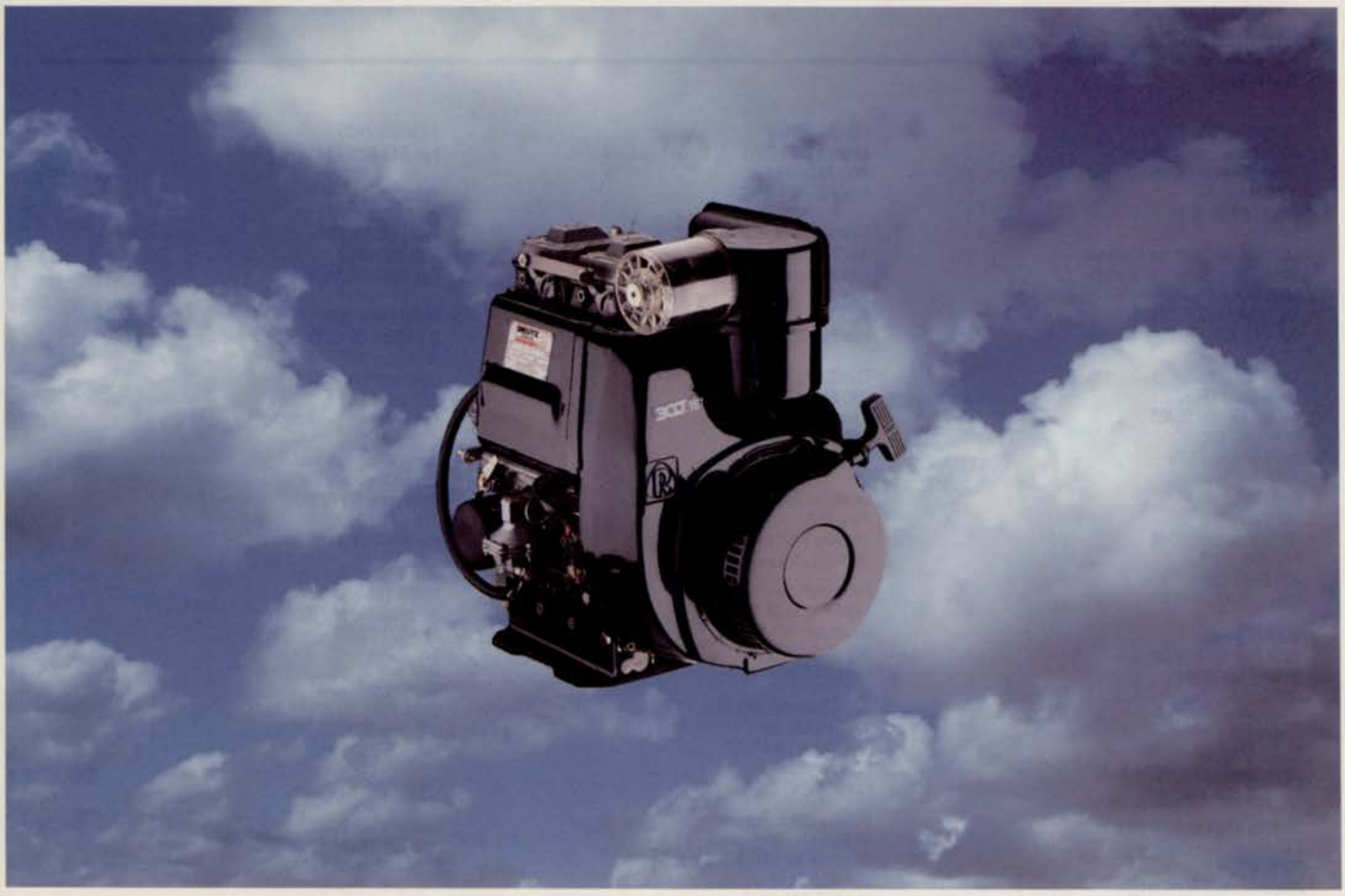

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Fax 214-539-6941

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Middletown OH 45044
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Fax 513-425-5993

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Alexandria MN 56308
612-852-7500
Fax 612-852-7735

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Alexandria MN 56308
612-852-7500
800-328-2047
800-572-7002(MN)

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Hickory NC 28601
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Fredericktown OH 43019
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701-282-5520
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Fax 316-767-6848

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Fax 216-225-9133

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Hillsdale MI 49242
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Fax 517-439-5958

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Fax 508-798-1874

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7555 Byron Center Ave
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Lincoln NE 68501
800-228-4444
Fax 402-474-8522

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916-891-5163
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Danville KS 67036
800-662-4212

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Fax 509-725-7015

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18414 Eddy St
Northridge CA 91325
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Fax 818-349-5530

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Ossineke MI 49766-9624
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Fax 517-471-2548

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Fax 309-765-5682

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West Des Moines IA 50265
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Fax 515-274-1828

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3883 Steve Reynolds Blvd
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Fax 314-471-6715

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Fax 508-485-3924

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Fax 217-438-6012

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Austin TX 78701
512-629-7400
Fax 512-629-4341

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405-336-4402
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Coatesville IN 46121
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Fax 316-251-4117

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302-992-6161

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Fax 219-848-4249

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219-259-2461

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Fax 303-893-9161

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Fax 402-223-4103

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Kalkaska MI 49646
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Fax 616-587-8020

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Fax 316-327-2117

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Fax 404-796-4540

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Loris SC 29569
803-756-6444
Fax 803-756-6442

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Menno SD 57045
605-387-2389
Fax 605-387-2436

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Portland OR 97015
503-656-9511
800-424-7867
Fax 503-656-9939

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224 W Eighth Ave
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Chico CA 95927
916-895-1762
Fax 916-895-0302

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Sheboygan Falls WI 53085
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Fax 414-467-6169

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303-789-2228
Fax 303-789-1163

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800-677-0898
Fax 316-241-3532

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Reseda CA 91335
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Fax 818-343-0919

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Fax 717-355-1507

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Fax 303-287-3866

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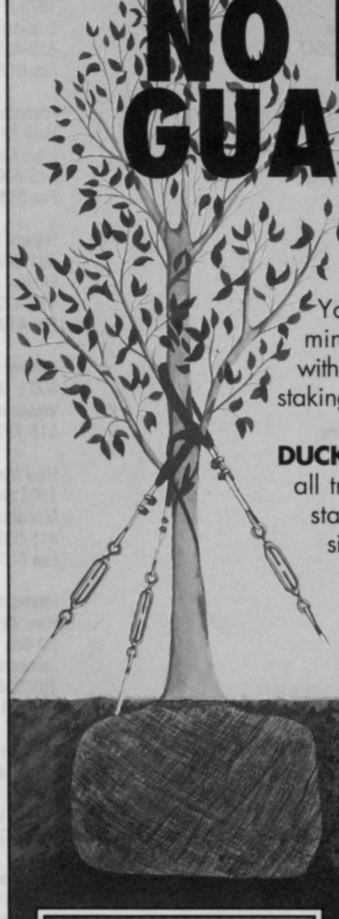

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REAR AXLE	17,000	17,000	18,500	7,500
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BODY	18' FRP	22' FRP	24' FRP	14' FRP
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FUEL TANK	50 GAL.	50 GAL.	50 GAL.	33 GAL.
DOORS	ROLL-UP	ROLL-UP	ROLL-UP	ROLL-UP
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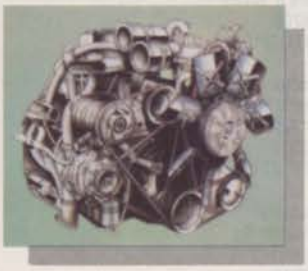

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Pioneer Mfg
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Fax 800-877-1511

Pioneer Peat Inc
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Plastics Research Corp
Horticultural Products Div
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Fax 313-629-7904

Playworld Systems
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Fax 717-966-3030

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Minneapolis MN 55441
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Fax 612-542-0599

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Precision Products Inc
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Fax 217-523-6701

Presto Products Co
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PO Box 803
Fairmont MN 56031
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Fax 507-238-2603

Redmax
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Norcross GA 30093
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Fax 404-381-5150

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Red Wing MN 55066
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Fax 612-388-7950

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Fax 615-847-7068

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515-239-6000
Fax 515-239-6318

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Fax 904-268-3953

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Fax 718-482-0661

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Fax 805-499-2867

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McDonough GA 30253
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Fax 404-957-7981

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Fax 209-734-5591

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Fax 708-665-5292

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Sumitomo Corp of America
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New York NY 10154

Sweepster Inc
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Dexter MI 48130
313-996-9116
800-627-9378
Fax 313-996-9014

Swisher Mower & Machine Co
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Warrensburg MO 64093
816-747-8183
Fax 816-747-8650

SyncroFlo Inc
6700 Best Friend Rd
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Fax 404-447-0230

Systematic Irrigation Controls Inc
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Costa Mesa CA 92626
714-850-0996
800-533-5157
Fax 714-966-1422

Tanaka Ltd
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Taylor-Dunn
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714-956-4040
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Tecumseh Products Co
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Grafton WI 53024
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Fax 614-837-2105

Teledyne Total Power
3409 Democrat Rd
Memphis TN 38118
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Fax 901-369-4050

Tempest Technology Corp
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Fax 209-294-9221

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Fax 612-541-8799

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Fax 503-644-2906

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T F S Systems
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Fax 608-837-7197

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Tiger Line Equipment
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Fax 213-781-2996

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Torrance CA 90509
213-618-4000

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Tacoma WA 98401
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Trebor Corp
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Treegator
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Fax 919-872-6173

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Fax 615-668-3877

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Fax 717-737-0517

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305-785-6402

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216-456-4114
Fax 216-456-6154

Ty-Crop Turf Equipment Inc
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Chilliwack British Columbia Canada V2P 6H4
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Fax 604-794-3446

Tyler
East Hwy 12
Benson MN 56215
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Ultra Fluid Technologies Inc
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800-323-9369
Fax 708-597-9959
Fax 800-323-3262

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501-886-3525
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515-628-3141
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Fax 201-461-7827

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Fax 612-332-6937

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Fax 815-455-7894

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PO Box 1520
Wausau WI 54402-1520
800-388-8728
Fax 715-355-4627

Weather-matic
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Garland TX 75041-2207
214-278-6131
Fax 214-271-5710

Wells Cargo
PO Box 728-1006
Elkhart IN 46515-0728
219-264-9661
Fax 219-262-8432

Westendorf Mfg Co
Hwy 175
PO Box 29
Onawa IA 51040
712-423-2762

Western Products
7777 N 73 St
Milwaukee WI 53223
414-354-2310
Fax 414-354-6664

Western Wood Structures Inc
20675 SW 105 St
PO Box 130
Tualatin OR 97062-0130
503-692-6900
Fax 503-692-6434

Westheffer Co
PO Box 363
Lawrence KS 66044
913-843-1633
800-362-3110
Fax 913-843-4486

Westmac Aerators
Lawn Masters Inc
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PO Box 1509
Kenosha WI 53141
414-656-1110

★Weyerhaeuser Engineered Fibers
7001 396th Ave SE
Snoqualmie WA 98065
800-443-9179
Fax 206-888-7504

Wheel Horse Products Inc
515 W Ireland Rd
South Bend IN 46614
219-291-3112

Wheel Spray Corp
PO Box 97
Delafield WI 53018
414-646-8640

Brian R White Co
313 Henry Station Rd
Ukiah CA 95482
707-462-9795
Fax 707-462-4800

Wikco Industries Inc
Rte 2 Box 154
Broken Bow NE 68822
308-872-6474
Fax 308-872-6475

Wilkins Regulator
1747 Commerce Way
Paso Robles CA 93446
805-238-7100
Fax 805-238-5766

Windsor Barrel Works
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Kempton PA 19529
215-756-4344
Fax 215-756-4344

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Oregon IL 61061
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Fax 217-324-3356

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Fax 707-545-2023

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800-432-RAKE
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Fax 702-431-4344

Yard Vac Products Inc
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209-251-7125
Fax 209-251-2193

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Jackson MS 39216
601-366-6421

Yeager-Twose Equipment Div
601 Baseline
Cornelius OR 97113
503-357-1003
800-347-TURF

York Modern Corp
Mill & Watson Sts
PO Box 488
Unadilla NY 13849
607-369-7111
Fax 607-369-2625

3. Control Products

This section is broken down by chemical product with companies providing that chemical listed below. Products common name (in parentheses) and brand names are listed on the line following the company name.

Absorbefacient (Aquatic)

Aquashade Inc
(acid blue 9, acid yellow 23) AQUASHADE

Aquatrols
(copolymer acrylamide acrylate) SuperSorb
Easy Gardener Inc
(landscape fabric) Weed Block
Enviro-Gro Technologies
(natural organic fertilizer, heat-dried waste water solids) Terrene
Parkway Research Corp
(aquatic colorant blend) Aqua Clear
UAP Special Products Inc

Adjuvant/Carrier

Becker-Underwood Inc
Tank Cleaner WSP
Easy Gardener Inc
(antitranspirant) Cloud Cover
Jonathan Green Inc
(wetting agent) Aquagro
Helena Chemical Co
(100% active non-ionic surfactant) Kinetic
Humate Intl Inc
(humic acid) Humate
ISK Biotech Corp
(fatty amine ethoxylate) Frigate
Kalo Inc
(alkylpolyethoxyethanol) BIO 88; (alkylarylpolyetholxy ethanol, glycol ethers) BUFFER-X; (alcohol sulfates) COMPEX; (polyoxyethleneplypropoxypropanol, dihydroxpropane, alky 2-ethoxyethanol) Regulaid
LESCO Inc
LESCO Spreader Sticker; LESCO-WET
Loveland Industries Inc
LI 700
Nature's Touch
(polyflavanoid & plant extracts) Nutri Aid
Nouvelle Laboratories Inc
(organo-siloxane) Venom; (humic acids) Roundup Surfactant
Parkway Research Corp
(non ionic surfactant & polymer blends) Wet Foot; (non ionic surfactant & polymer blends) Adjuvant 2-4; (non ionic surfactant & polymer blends) Spread It; (non ionic surfactant & polymer blends) Herbi-Glue
Precision Laboratories Inc
Penatrate II; Chem-Stik
ROOTS Inc
(sarsaponin-schidigera) Noburn

UAP Special Products Inc
Activator 90
Valent USA Corp
X-77

Algaecide

Great Lakes Biochemical Co
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Mycogen Corp
(fatty acids) DeMoss
Parkway Research Corp
(copper sulfate) Algae Rid
UAP Special Products Inc
Whitmire Research Labs
PT2000 Green-Shield

Antitranspirant

Aquatrols
(paraffin wax emulsion) FoliCote Transpiration Minimizer
Bonide Products Inc
(thiram, acrylic polymer resins) Bonide Rabbit & Deer Repellent
W A Cleary Chemical Corp
(acrylic polymer) Clearspray
Green Pro Services
(pine tar & synthetics) Vita Coat

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Forevergreen
Parkway Research Corp
(co-polymer anti transpirant) Anti-Spray
PBI-Gordon Corp
(polyethylines/polyturpines) Transfilm
Precision Laboratories Inc
Preserve
Rockland Corp
Winter Shield
UAP Special Products Inc
Blanket; Nufilm
Wilt-Pruf Products Inc
(di-1-p-menthene) Wilt-Pruf

Bacteriocide

J J Mauget Co
(streptomycin) Inject-A-Mycin "S"

Biological Control

Bio Plus Mfg Inc
(vital liquid 10-4-3 lawn fertilizer with micronutrients) Bio Plus
Bonide Products Inc
(bacillus thucingiensis) Bonide
Burlington Scientific Corp
(cytokines, humates) Speed Feed Turf Elixir; Speed Feed Turfgrass Formula
Ciba-Geigy Turf & Ornamental Products
(steinernema carpocapsae nematode) Exhibit
Green Pro Services
(parasitic nematodes) Scanmask

ORGANIC PRODUCTS
GREEN PRO SERVICES
800-645-6464

Karsten Turf Inc
(natural products - enzymes, humates, algea, etc) Turf Anser Products
KLM Bio Systems Inc
Bio Groundskeeper; Bio Groundskeeper
Rockland Corp
Sandoz Crop Protection
Pentac Aquaflow
Standard Tar Products Co
(wood preservative) Organiclear
UAP Special Products Inc
Dipel; Safer

Bio Products

Clifford Sales & Marketing
(cytokinin) Cyto-Gro; (cytokinin, iron) Cyto-Fe
Emerald Isle Ltd
(liquified sea plant extract) PanaSea'; (liquified sea plant extract) PanaSea' Plus
Soil Technologies Corp
(ascophyllum nodosum) Sea-Green

Colorant

Becker-Underwood Inc
Turf Mark; Green Lawnger; Mulch Magic
W A Cleary Chemical Corp
Greenzit
Finn Corp
Green Plus

Spray on new Confront* herbicide and within a week your fairways, lawns or parks will be clover free. In fact, a little Confront goes a long way toward giving you outstanding control of clover and other broadleaf weeds. And it does it without 2,4-D or dicamba.

For a free Confront herbicide product label and brochure, call **1-800-729-3693, ext. 3132.**

DowElanco™

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Circle No. 105 on Reader Inquiry Card

continued

Grace-Sierra Horticultural Products Co
Vitalon; Auragreen
Green Graphics
(latex-based, modified) Green Graphics Green Permanent Turf Colorant
Jonathan Green Inc
(bluespray indicator dye) Jonathan Green Colorant
Kalo Inc
Foam Dye
LESCO Inc
(blue indicator colorant) LESCO Tracker; LESCO-Nu-Mulch; (green pigment) LESCO Green
Milliken Chemical
(polymeric colorant) Blazon
Parkway Research Corp
Big Foot Spray Indicator
Precision Laboratories Inc
Signal; True Blue
Rockland Corp
Spray Indicator
Spectrum Technologies Inc
Sprayguide
UAP Special Products Inc
Turf Mark; Blazon

Defoamer

W A Cleary Chemical Corp
(silicon fluid) Cleary's Defoamer
Kalo Inc
Defoamer
LESCO Inc
(silicone) LESCO Defoamer
Loveland Industries Inc
Fighter F; Unfoamer
Parkway Research Corp
(silicone) Parkway Ag Defoamer
Precision Laboratories Inc
Knockdown
UAP Special Products Inc
Fighter F

Drift Retardant

W A Cleary Chemical Corp
Drift Proof
Loveland Industries Inc
41A - 38F; Chemtrol
Parkway Research Corp
(polymeric drift retardant) Drift Free
Precision Laboratories Inc
Direct
Rockland Corp
Target
Soil Seal Corp
(soil polymer) Soil Seal Concentrate
Spectrum Technologies Inc
Spraytrol
UAP Special Products Inc
Chemtrol

Fertilizers, Micronutrients

Aglukon Agri-Products
(nitrogen, calcium, magnesium, micros) Wuxal Suspension Calcium
Arcadian Corp Triazone Div
(zinc, magnesium, iron foliars nitrates) NZN; (zinc, magnesium, iron foliars nitrates) NMG; (zinc, magnesium, iron foliars nitrates) NFE
Ciba-Geigy Turf & Ornamental Products
(chelated iron) Sprint
W A Cleary Chemical Corp
CoRoN Corp
(5% chelated iron liquid) MICROFLO
Creative Sales Inc
(iron, manganese, zinc) MEDICAP
Drexel Chemical Co
(NP+K plus micronutrients) Greenfield
Grace-Sierra Horticultural Products Co
Esmigran Miner Element Additive
Jonathan Green Inc
(micronutrient mixture) Jonathan Green; (15-0-0 w/ iron and sulfur) Turf Pro-(AC)
Green Pro Services
(chelated nutrients) Vita-Green
Growth Products Ltd
(methylene urea, NPK) Growth Products; (Fe, Ca, Zn, Mn, Mg, B, MO) Micrel Total
Helena Chemical Co
Tracites; Tracite-N; Baytolan Plus
Humate Intl Inc
(humic acid, package of biostimulants & micronutrients) Stress Reliever
Karsten Turf Inc
(N-P-K-Fe-Ca-S-Mn-Cu-Mg-all minors) Turf Anser Products
Lange-Stegmann Co
Medi-Ject Tree Injection Systems
Green-Up Iron
Moyer & Son Inc
(ferrous sulfate, citric acid) Microflo
Na-Churs Plant Food Co
(nitrogen, NPK blends) Na-Churs Liquid Fertilizer
Nature's Touch
(natural organic plant extracts & bi-products) Prescription Formulation Strengthen & Renew
Nouvelle Laboratories Inc
(liquid micronutrients complexed with humic acids) Biostium
OHP Intl Inc
(humates, NPK, micronutrients) Ferto
PBI-Gordon Corp
(6% iron, sulfur, urea) Ferromec; (6% iron, sulfur, urea (amine campatible)) Ferromec AC; (6% iron plus manganese) Ferromec M; (6% iron plus manganese amine compatible) Ferromec MAC; (6% iron, sulfur, urea plus manganese & zinc) Ferromec MZ
Plant Food Co
(10-10-10 with secondary & minor elements) Blu-Gro; Iron-N
Plant Marvel Laboratories Inc
(nutriculture formula) Plant Marvel
RGB Laboratories Inc
(0-4-4 with iron, magnesium, sulfur, maganese, zinc, boron) Agri-Plex For-X; (0-5-8 with 8% iron) Agri-Plex Fe8; (8% iron, 8% sulfur) Lawn-Plex; (4% iron, 2% manganese) Agri-Plex Fe/Mn
Rockland Corp
Ruffin Inc
(all micronutrients from the sulfate form) Ruffin Tuff (Chelated) Fe-ZN-Cu-Mn-Mg-Ca
O M Scott & Sons Co
Sudbury Lawn & Garden Products
(urea nitrogen) Tailor-Made Fertilizer Nitrogen 44-0-0; (phosphoric acid) Tailor-Made Fertilizer Phosphorus 0-44-0; (soluble potash) Tailor-Made Fertilizer Potash 0-0-44; (water soluble organic nitrogen, soluble potash, chlorine) Sea Power Liquefied Seaweed 0.1-0.0-1.0
Sustane Corp
(composted turkey litter) Sustane 5-2-4 Natural Organic Fertilizer
Triazone Div Arcadian Corp
(metallic nitrates) NZN; (metallic nitrates) NMG; (metallic nitrates) NFE
Uniroyal Chemical Co World Headquarters
(Ca, S, Mg, Zn, Mn, Fe, B, Cu) Leffingwell
Vigoro Industries Inc
Par Ex; Woodace

Fertilizer, Tree

Andersons

The Andersons

Arbor Systems Inc
(liquid iron) Iron NutriBoosters; (nitrogen, phosphorous, potasium) NPK NutriBoosters
Arctech Inc
(organic humic-acids) Actosol
Cedar Chemical Corp
(soluble NPK with micronutrients) PolyFeed; (soluble MAP) MAP
CFS Specialty Div
(composted poultry manure) Naturall 2-4-4
CoRoN Corp
(28-0-0 controlled release nitrogen solution) CoRoN

CORON® 28-0-0
Controlled Release Nitrogen

Creative Sales Inc
(N-P-K plus micronutrients) MEDICAP MD
Davey Tree Expert Co
(ureaformaldehyde, mono-potassium phosphate) ARBOR GREEN
Doggett Corp
(32-7-7 NPK fertilizers, slow release for trees) XL-Injecto Feed

The Doggett Corporation
Lebanon, N.J. 08833

DOTS (Distributors Own Turf Supplies)
(RZP 34-3-7) DOTS
Grace-Sierra Horticultural Products Co
Agriform Planting Tablets
Great Salt Lake Minerals Corp
(potassium sulfate) Sulfate of Potash - GSL
Jonathan Green Inc
(5-10-5, 10-6-4, shrub tonic 4-8-3) Jonathan Green
Green Pro Services
(NPK, humates) Vita Tree/Shrub

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Lawns, Trees & Shrubs
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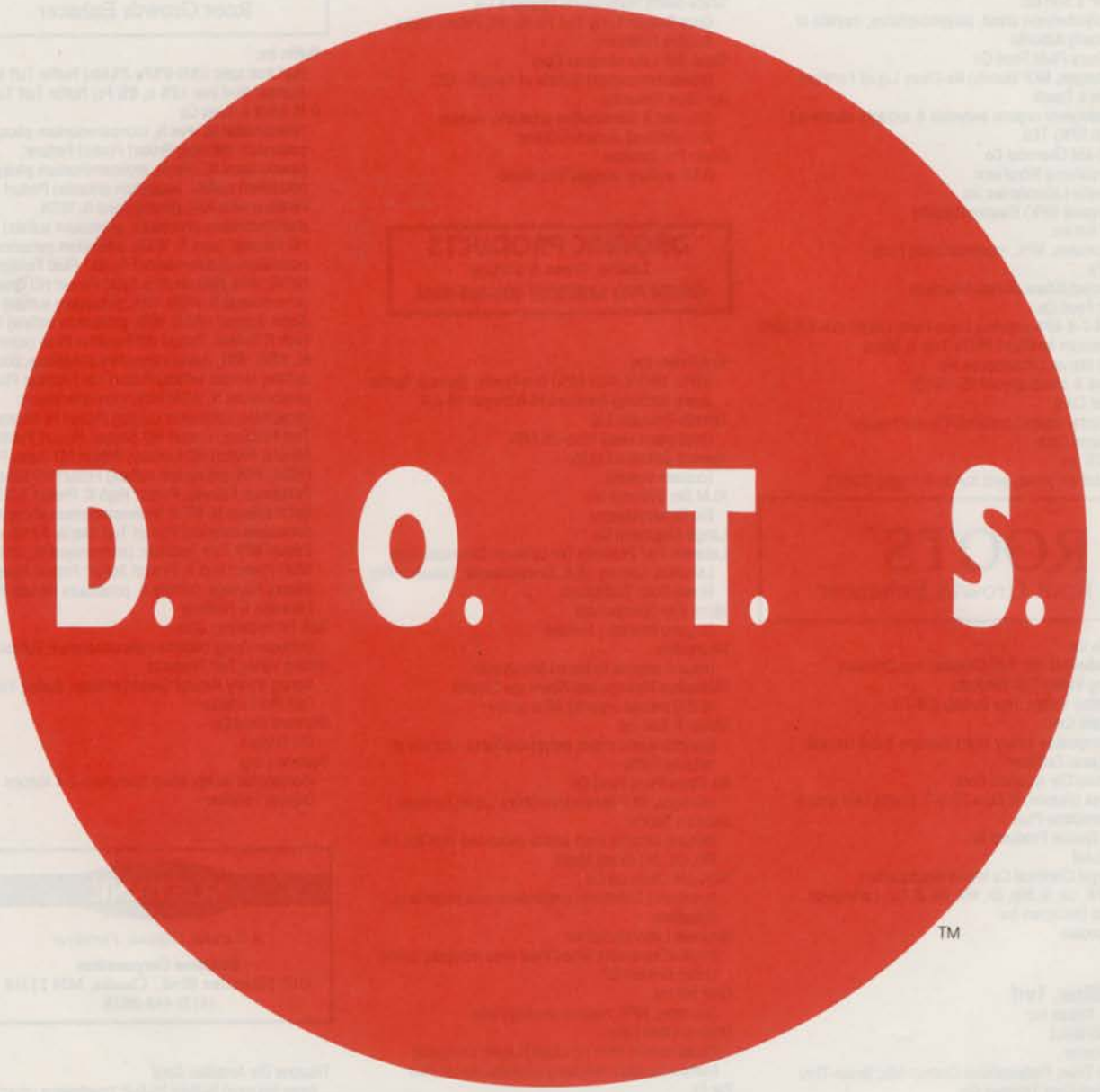
Gro-Power Inc
(NPK: 5-3-1, humus, humic acids, bacteria) Gro-Power Plus
Growth Products Ltd
Hi Kal

GROWTH PRODUCTS
P.O. Box 1259
White Plains, N.Y. 10606
Customer Service
1-800-648-7626
(914) 428-1316
Manufacturers of high quality liquid slow release fertilizers for turf, tree and ornamental applications.

Howard Johnson Ent Inc
(RZP)
Lange-Stegmann Co
Lebanon Turf Products Div Lebanon Chemical Corp
Lebanon; Turfmaster
J J Mauget Co
(chelated Ag minerals & NPK) Stemix; (sulfates, nitrates) Inject-A-Min Fe-Zn, Inject-A-Min Mn

The first turf fertilizers so specialized, they make the competition see red.



Distributor's Own Turf Supplies™

It's understandable, because no other distributor offers what we do. Some suppliers may pass their pre-packaged fertilizers off as custom blends, but when it comes right down to it, their products simply aren't formulated to meet your specific needs. As a result, your expertise and input are ignored which turns into frustration for you.

At DOTS (Distributor's Own Turf Supplies), we do things differently.

Our fertilizer/pesticide products are designed so you can develop your program professionally with specialized formulas for your specific needs. With a DOTS distributor, you're treated individually—not clumped together with others and sold "off-the-shelf" blends.

We test the soil before we make the formula.

We realize that the markets you serve have different turf, climate, and soil conditions. You tell us your specialized needs and problems, we'll provide soil testing when needed, and then work with you to prepare an individual solution. It's easy on your part, thorough on ours.

All DOTS products are designed to meet the highest industry standards in uniformity and performance. In-house quality control means that each order delivered to you complies with our rigid specifications, assuring you the quality you expect.

Just look for the red dot to know you're getting the best...from the best distributor. For more information, call **1-800-345-DOTS.**

Circle No. 112 on Reader Inquiry Card

continued

Medi-Ject Tree Injection Systems
Medi-NPK
Milorganite
(natural organic fertilizer) Milorganite
Moyer & Son Inc
(polyethelyene ureas, polyphosphates, muriate of potash) Arborflo
Na-Churs Plant Food Co
(nitrogen, NKP blends) Na-Churs Liquid Fertilizer
Nature's Touch
(copolymer organic enzymes & extracts combined with NPK) TES
NOR-AM Chemical Co
(ureaform) NitroForm
Nouvelle Laboratories Inc
(organic NPK) Biostim Granular
OHP Intl Inc
(humates, NPK, micronutrients) Ferto
Par Ex
(isobutylidene diurea) Woodace
Plant Food Co
(14-7-4 40% organic) Liqua-Form Liquid; (16-4-5 40% premium fertilizer) PFC's Tree & Shrub
Plant Marvel Laboratories Inc
(tree & shrub special 25-15-10)
Ringer Corp
(natural organic proteins) Flower/Foliage
Rockland Corp
ROOTS Inc
(plant enzymes, peat humic extracts) ROOTS

ROOTS™
Root Growth Enhancer

Ruffin Inc
(FeSo4) Ruffin Tuff Chelated Iron Granules
Spring Valley Turf Products
Spring Valley; Tree Builder 2 8-7-7
Sustane Corp
(composted turkey litter) Sustane 5-2-4 Natural Organic Fertilizer
Triazone Div Arcadian Corp
(urea triazone) N-Sure 28-0-0; (methylene ureas) Formolene-Plus
UAP Special Products Inc
NuLeaf
Uniroyal Chemical Co World Headquarters
(NPK, Ca, S, Mg, Zn, Mn, Fe, B, Cu) Leffingwell
Vigoro Industries Inc
Woodace

Fertilizer, Turf

J & L Adikes Inc
GRO-WELL
Andersons
Tee Time; Professsional Custom Mix; Break-Thru
Arcadian Corp Triazone Div
(urea triazone nitrogen) N-Sure; Formolene-Plus
Arctech Inc
(organic humic-acids) Lawn Actosol
Cedar Chemical Corp
(potassium nitrate) K-Power; (S release NPK) Multicote-4
CFS Specialty Div
(animal by-products, composted poultry manure, mined sulfate of potash, custom blends, fertilizers-organic, natural, organic based) Naturall 8-1-3
W A Cleary Chemical Corp
CoRoN Corp
(28-0-0 controlled release nitrogen solution) CoRoN

CORON® 28-0-0
Controlled Release Nitrogen

DOTS (Distributors Own Turf Supplies)
(custom formulations w/SCU VF SOP nutralene)
DOTS
Enviro-Gro Technologies
Garfield Williamson Inc
(30-5-7, 20-5-7, 10-6-4, 12-24-12) PROFORM
Grace-Sierra Horticultural Products Co
Once Season Long Turf Fertilizers; Peters Water Soluble Fertilizers
Great Salt Lake Minerals Corp
(potassium sulfate) Sulfate of Potash - GSL
Jonathan Green Inc
(blended & combination products, various formulations) Jonathan Green
Green Pro Services
(NPK w/slow release) Vita Blend

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Lawns, Trees & Shrubs
GREEN PRO SERVICES 800-645-6464

Gro-Power Inc
(NPK: 18-3-7 SCU 40%) Gro-Power; (humus, humic acids, bacteria) Premium Hi-Nitrogen 18-3-7
Growth Products Ltd
(methylene urea) Nitro-26 SRN
Howard Johnson Ent Inc
(custom blends)
KLM Bio Systems Inc
Bio Groundskeeper
Lange-Stegmann Co
Lebanon Turf Products Div Lebanon Chemical Corp
Lebanon; Country Club; Greenskeeper; Lebanon Pro; Green Gold; Turfmaster
Micro Key Sciences Inc
(organic fertilizer) Fertlaid
Milorganite
(natural organic fertilizer) Milorganite
Milwaukee Metropolitan Sewerage District
(6-2-0 natural organic) Milorganite
Moyer & Son Inc
(polyethelyene ureas, polyphosphates, muriate of potash) Turflo
Na-Churs Plant Food Co
(nitrogen, NKP blends) Na-Churs Liquid Fertilizer
Nature's Touch
(natural extracts from plants combined with NK, Fe, Mn, Ca, Zn) Green Magic
NOR-AM Chemical Co
(ureaform) Nitroform; (methylene urea polymers) Nutralene
Nouvelle Laboratories Inc
(organic sprayable blood meal urea nitrogen, humic acids) Biostim SP
OHP Intl Inc
(humates, NPK, micronutrients) Ferto
Organic Lawn Care
(liquid extract from Ag crops) Liquid Compost; (dehydrate plant residues) Granular Humic Plus
Par Ex
(isobutylidene diurea) Par Ex
PBI-Gordon Corp
(extract of cow slurry) Bov-a-Mura
Plant Food Co
(20-0-0 50% controlled release N) GREEN-T; (10-2-10 50% controlled release N) GREEN-T
Plant Marvel Laboratories Inc
(bent special 28-8-18, bermuda special 25-5-20, lawn marvel 28-18-8) Plant Marvel
Ringer Corp
(natural organic feed grade proteins & meals) Greens; (natural organic feed grade proteins & meals) Fairway/LCO
Riverdale Chemical Co
(15% N, 6% Fe, 3 1/2% S) Fe 6
Rockland Corp
Twin-Win; Mil-An-Chem; Winter Care
ROOTS Inc
(plant enzymes, vitamin compounds, iron phosphate citrate) IronROOTS

SEE AD NEXT COLUMN

IRON ROOTS®
Root Growth Enhacer

Ruffin Inc
(turf iron spec 6%N-6%Fe-3%Mn) Ruffin Tuff Iron Special; (turf iron 15% n, 6% Fe) Ruffin Tuff Turf Iron
O M Scott & Sons Co
(ammoniacal N, urea N, monoammonium phosphate, potassium chloride) Proturf Proturf Fertizer; (ammoniacal N, urea N, monoammonium phosphate, potassium sulfate, potassium chloride) Proturf Fertilizer with Iron; (ammoniacal N, WSN, monammonium phosphate, potassium sulfate) Proturf HD Fairway; (urea N, WSN, potassium pyrophosphate, potassium pyrophosphate) Proturf Fluid Fertilizer; (WSN, WIN, potassium sulfate) Proturf HD Greens; (ammoniacal N, WSN, WIN, potassium sulfate) Proturf Super Greens; (WSN, WIN, potassium sulfate) Proturf High K Greens, Proturf HD Fertilizer Plus; (ammoniacal N, WSN, WIN, monoammonium phosphate, potassium sulfate, ferrous sulfate) Proturf HD Fertilizer Plus Iron; (ammoniacal N, WSN WIN, monoammonium phosphate, potassium sulfate) Proturf Hi-Maintenance Turf Fertilizer, Proturf HD Starter, Proturf Fertilizer with Minors, Proturf HD Fairway, Proturf HD Super Fairway; (WSN, WIN, potassium sulfate) Proturf HD Nitrogen/Potassium Fairway, Proturf High K; Proturf STEP; (ammoniacal N, WSN, monoammonium phosphate, potassium chloride) Proturf Turf Starter Fertilizer, Proturf NPK Turf Fertilizer; (ammoniacal N, WSN, WIN) Proturf Iron S; Proturf Sulfur; Proturf Fluid Minors Package; (nitrate N, potassium nitrate) Proturf Flowable K Fertilizer
Soil Technologies Corp
(nitrogen fixing bacteria (cyanobacteria)) Turftech II
Spring Valley Turf Products
Spring Valley Natural Green Fertilizer; Spring Valley Golf Pro Fertilizer
Stanford Seed Co
Old English
Sustane Corp
(composted turkey litter) Sustane 5-2-4 Natural Organic Fertilizer

SUSTANE
A Natural Organic Fertilizer
Sustane Corporation
1107 Hazeltine Blvd., Chaska, MN 55318
(612) 448-8828

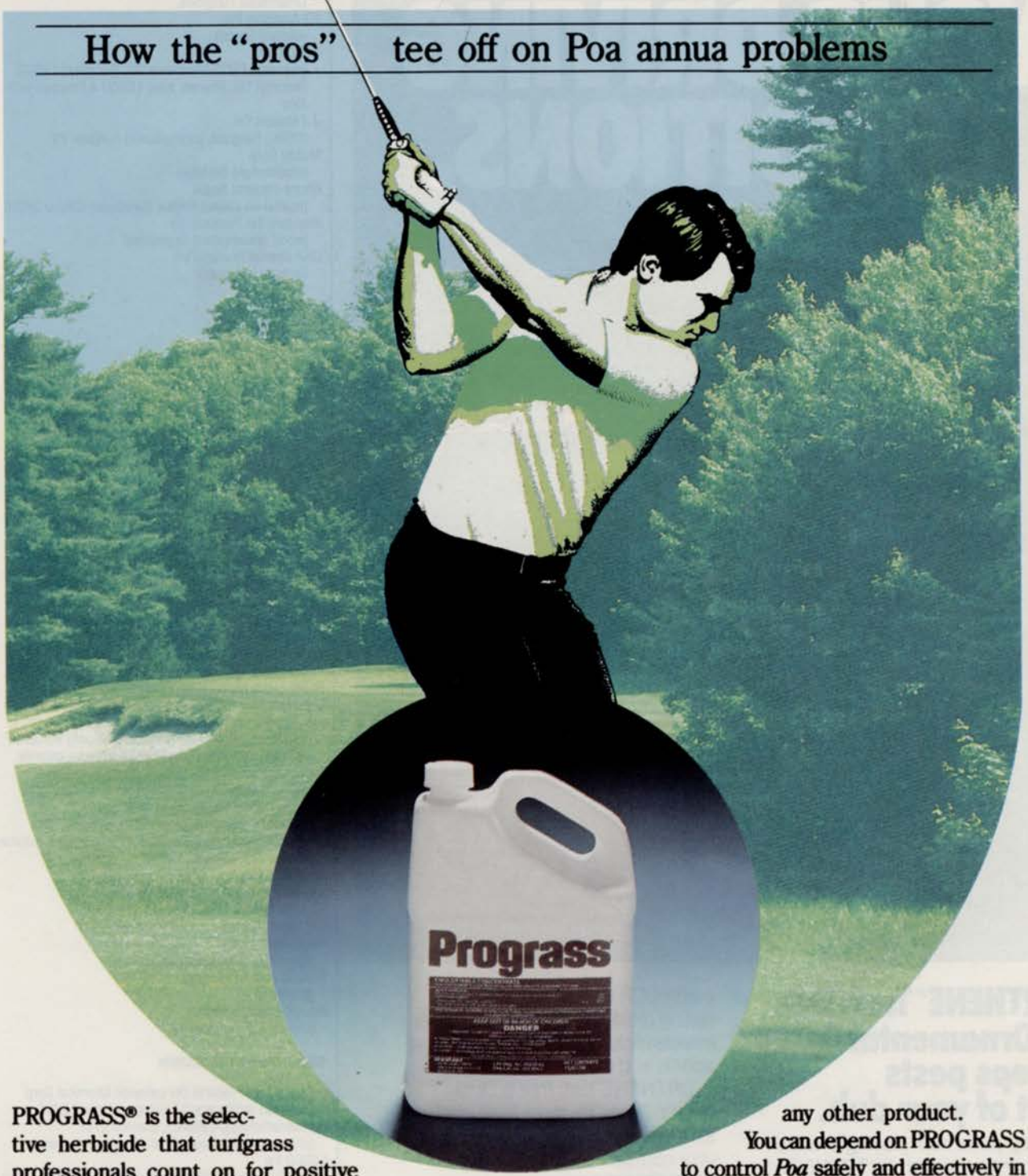
Triazone Div Arcadian Corp
(urea triazone) N-Sure 28-0-0; (methylene ureas) Formolene-Plus 30-0-0
Tyler Enterprises
Greensward; Prairie Creed; X Tyler Iron
UAP Special Products Inc
UAP
Uniroyal Chemical Co World Headquarters
(NPK, Ca, S, Mg, Zn, Mn, Fe, B, Cu) Leffingwell
Vigoro Industries Inc
Par Ex
Warren's Turf Nursery Inc
(6-20-20-; 25-3-9 with timed release IBDU; 18-5-8 with sulfur-coated urea; 25-3-3 with Triamine; 10-8-4 general purpose; 17-4-7 with team) Warren's

Fungicide, Tree

Bonide Products Inc
(captan) Bonide; (daconil) Bonide
Ciba-Geigy Turf & Ornamental Products
(propiconazole) Alamo
DowElanco
(fenarimol) Rubigan AS

PROGRASS®

How the "pros" tee off on Poa annua problems



PROGRASS® is the selective herbicide that turfgrass professionals count on for positive *Poa annua* control. This advanced herbicide can be used both preemergence and postemergence to root out the most troublesome *Poa*; it gives results you just can't get from any other product.

You can depend on PROGRASS to control *Poa* safely and effectively in fairway-height bentgrass, perennial ryegrass, Kentucky bluegrass, even dormant Bermudagrass over-seeded with perennial ryegrass. It's the "pro" solution to *Poa annua* problems!

NOR-AM®
NOR-AM CHEMICAL COMPANY
A Schering Berlin Company
3509 Silverside Road, P.O. Box 7495, Wilmington, DE 19803

IMPORTANT: Please remember always to read and follow carefully all label directions when applying any chemical.

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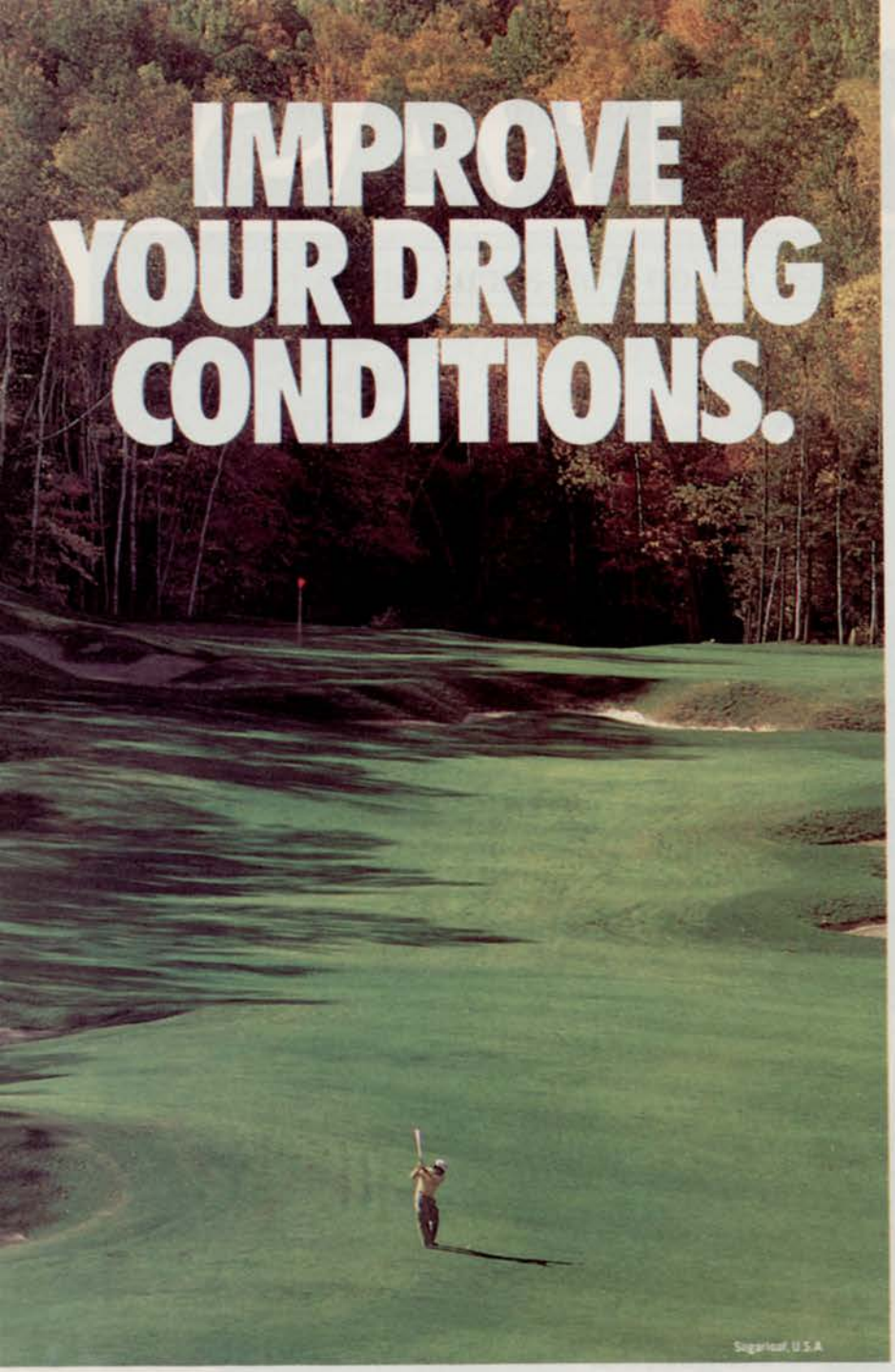

ORTHENE® Turf, Tree & Ornamental Spray keeps pests out of your club.

Stop pests from playing a round on your course with ORTHENE Turf, Tree & Ornamental Spray. One treatment provides a broad spectrum of protection for turf as well as a wide variety of trees and ornamentals.

ORTHENE kills quickly on contact, then by systemic action. So you'll keep hard-to-kill pests like mole crickets, armyworms and leafhoppers under control. ORTHENE supplies long-lasting residual action against other insects including tent caterpillars, aphids and thrips.

ORTHENE Turf, Tree & Ornamental Spray. It's more than enough to drive unwanted pests right off your course.

ORTHENE®
Turf, Tree & Ornamental Spray

Avoid accidents. For safety, read the entire label including precautions. Use all chemicals only as directed. Copyright © 1990 Valent U.S.A. Corporation. All rights reserved. ORTHENE is a registered trademark of Chevron Chemical Co.

VALENT.

ALSO CONTROLS FIREANTS.

Circle No. 141 on Reader Inquiry Card

Control Products

continued

Grace-Sierra Horticultural Products Co
(thiophanste-methyl, dithiocarbamate) Duo San Turf & Ornamental Fungicide
ICI Americas Inc
(captan) Captan
LESCO Inc
(maneb) LESCO Mancozeb DG; (benomyl) LESCO Benomyl DG; (maneb, zinc) LESCO 4 Flowable with Zinc
J J Mauget Co
(DEBC) Fungisol; (oxycarboxin) Fungisol PV
Mobay Corp
(triadimefon) Bayleton
Rhone-Poulenc Ag Co
(fosetyl-al) Chipco Aliette; (iprodione) Chipco 26019
Standard Tar Products Co
(wood preservative) Organiclear
UAP Special Products Inc
Captam; Mancozeh

Fungicide, Turf

J & L Adikes Inc
(Dyrene) GRO-WELL
Andersons
BASF Corp Agricultural Chemicals
(vinclozolin) Curalan
Bonide Products Inc
(thiram) Bonide; (boyleton) Bonide
CelPril Industries
(seed coating) Apron
Ciba-Geigy Turf & Ornamental Products
(propiconazole) Banner; (metalaxyl, mancozeb) Pace
W A Cleary Chemical Corp
(thiophanate methyl) 3336; (thiram) Spotrete
DOTS (Distributors Own Turf Supplies)
(bayleton, baenomyl) DOTS
DowElanco
(fenarimol) Rubigan AS; (fenarimol, chlorothalinil) Broadway
E I DuPont de Nemours & Co
(benomyl) Tersan 1991 DF; (mancozeb) Tersan LSR
Grace-Sierra Horticultural Products Co
(thiophanate methyl) Fungo 50; (thiophanate methyl) Fungo 85; (thiophanate methyl) Fungo Flo; (thiadiazole) Koban 30; (oxazolidinedione) Vorlan DF; (oxazolidinedione) Vorlan Flo; (mercurous chloride, mercuric chloride) Calo-Clor; (mercurous chloride, mercuric chloride) Calo-Gran
Jonathan Green Inc
(blended & combination products, various formulations) Banol, Bayleton, Chipco 26019, Subdue, Daconil 2787, Tersan 1991
Gustafson Inc
(metalaxyl) Apron; (metalaxyl) Apron Dry
ICI Americas Inc
(captan) Captan
ISK Biotech Corp
(chlorothalonil) Daconil 2787
Howard Johnson Ent Inc
(Bayleton)
Kincaid Enterprises Inc
(chloroneb) Terraneb SP

SEE AD NEXT COLUMN

Lebanon Turf Products Div Lebanon Chemical Corp
(bayleton (tridimefon)) Lebanon; (daconil 2787 (chlorothalonil)) Lebanon; (daconil 2787 (chlorothalonil)) Green Gold; (benomyl) Lebanon
LESCO Inc
(PCNB) Lesco PCNB 10% Granular Fungicide; LESCO 1.0% Granular Bayleton Fungicide; (thiram) LESCO Thiram 75DG; (benomyl) LESCO Benomyl DG; (chlorothalonil, fenarimol) LESCO TwoSome Flowable Fungicide; (maneb) LESCO Mancozeb DG; (maneb, zinc) LESCO 4 Flowable with Zinc; (vinclozolin) LESCO Touche Flowable Fungicide
Mobay Corp
(triadimefon) Bayleton; (anilazine) Dyrene
NOR-AM Chemical Co
(propamocarb) Banol
PBI-Gordon Corp
(chloroneb) Teremec; (fore) Formec

Rhone-Poulenc Ag Co
(iprodione) Chipco 26019; (fosetyl-al) Chipco Aliette

chipco®

Rigo Co Black Leaf Products Co
(mancozeb) Black Leaf Fore
Rockland Corp
O M Scott & Sons Co
(thiophanate-methyl, iprodione) Proturf Fluid Fungicide; (PCNB) Proturf FF II (14-3-3); (tiliadimefon, metalaxyl) Proturf Fluid Fungide II; (PMA, thiram) Proturf Fertilizer Plus Fungicide (24-5-3); (triadimefon) Proturf Fertilizer Plus Fungicide VII (28-0-12); (thiophanate-methyl, iprodione) Proturf Fertilizer Plus Fungicide VIII (23-3-3); (thiophanate-methyl) Proturf Systemic Fungicide; (chloroneb) Proturf Fungicide V; (iprodione) Proturf Fungicide VI; (triadimefon) Proturf Fungicide VII; (metalaxyl) Proturf Pythium Control; (thiram, triadimefon) Proturf Fluid Fungicide III
UAP Special Products Inc
(PCNB) Mancozeh, Tersan, Daconil, Sulsdue, Banner
Uniroyal Chemical Co World Headquarters
(PCNB) Turfcide; (PCNB) Terraclor; (etradiazole) Terrazole

Grass Coatings

Becker-Underwood Inc
Green Lawnger
CelPril Industries
Nutri-Kote; Nutri-Kote & Apron
Ciba-Geigy Turf & Ornamental Products
(metalaxyl) Subdue
Gustafson Inc
Parkway Research Corp
Mean & Green Grass Paint

Growth Regulator, Turf/Ornamental

Abbott Laboratories
(gibberellic acid) PRO-GIBB
Andersons

For Country Club Quality Turf... Tee Off With TERRANEB SP.
TIME TESTED TERRANEB SP TURF FUNGICIDE
For more information, write
KINCAID ENTERPRISES
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Burlington Scientific Corp
(kinetin gibberellic acid auxins) Auxinal
DowElanco
(flurpyrimidol) Cutless 50W
PBI-Gordon Corp
(metluidide) Embark; (amidochlor) Limit
Rhone-Poulenc Ag Co
(ethephon) Florel
ROOTS Inc
(plant enzymes, peat humic) ROOTS

ROOTS™
Root Growth Enhancer

O M Scott & Sons Co
(paclobutrazol) Proturf Fertilizer with TGR Poa Annua Control (31-3-9), Proturf High K Fertilizer with TGR Poa Control (15-0-29), Proturf TGR Turf Enhancer 50 WP
Sudbury Lawn & Garden Products
(ammoniacal nitrogen, nitrate nitrogen, phosphoric acid, soluble potash) Jungle Juice (2-5-4), Flower Cracker (1-6-5), Orchids Exotica (5-5-3), Sitting Pretty (1-3-2), 60 Day Wonder (2-5-4); (phosphoric acid, soluble potash) Granny's Bloomers (0-6-5); (ammoniacal nitrogen, nitrate nitrogen, phosphoric acid, soluble potash, calcium) Cactus Juice (1-7-6); (soluble potash, water soluble, magnesium, sulfur combined, boron, iron, manganese, zinc) Green Up (0-0-2-2S)
UAP Special Products Inc
Limit
Uniroyal Chemical Co World Headquarters
(maleic hydrazide) Royal Slo-Gro; (daminozide) B-Nine

Herbicides, Aquatic

Andersons
DowElanco
(fluridone) Sonar
LESCO Inc
(elemental copper) Lescocide-Plus Granular Algaecide, Lescocide-Plus Liquid Algaecide
PBI-Gordon Corp
(dichlobenil) Norosac 10G
Rhone-Poulenc Ag Co
(2,4-D butoxyethyl ester) Aquakleen; (2, 4-D dimethylamine) Weedar 64
Riverdale Chemical Co
(2,4-D (IOE)) 2,4-D Granules; (2,4-D (amine)) Weedestroy AM-40 Amine Salt
UAP Special Products Inc
Aquashade Aquathel; Hydrothol
Uniroyal Chemical Co World Headquarters
(dichlobenil) Casoron
Valent USA Corp
(diquat) Diquat

Herbicides, Nonselective

J & L Adikes Inc
(Pramitol & 2,4-D) GRO-WELL No-Gro
Andersons
Bonide Products Inc
(ammonium sulfamate) Bonide
DowElanco
(tebuthiuron) Spike
Jonathan Green Inc
(round-up) Round-up; (prometon) Prometon 5E
Hoechst-Roussel Agri-Vet Co
(glufosinate-ammonium) Ignite Herbicide
Howard Johnson Ent Inc
LESCO Inc
(glyphosate) LESCO Avail; (diquat) LESCO Pro Trim; (sodium metaborate tetrahydrate, sodium chlorate, bromacil) Lescobar
Monsanto Agricultural Co
(glyphosate) Expedite Grass & Weed
Mycogen Corp
(fatty acids) Sharpshooter
PBI-Gordon Corp
Vegemec; (dichlobenil) Dycdmel 4-G
Rhone-Poulenc Ag Co
(2, 4-D + 2, 4-DP butoxyethyl esters) Weedone CB; (2, 4-D + 2, 4-DP butoxyethyl esters) Weedone 170

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Rigo Co Black Leaf Products Co
(pramitol) Rigo's Best Non-Selective Weed Killer; (sodium chlorate, sodium metaborate) Black Leaf Grass, Weed & Veg Killer
Riverdale Chemical Co
(sodium chlorate) Killsall Liquid; (diuron, bromacil) DiBro Granular & DiBro 2 + 2; (velpar L) 1.25% Hexazinone; (pramitol) Prometon 5# Veg Killer Conc; (bromacil) 2.5% Bromacil Liq R-T-U
Rockland Corp
UAP Special Products Inc
Roundup; Diquat
Uniroyal Chemical Co World Headquarters
(dichlobenil) Casoron
Valent USA Corp
(diquat) Diquat Trim & Edge

Herbicides, Ornamental

American Cyanamid Co
(pendimethalin) Stomp WDG
BASF Corp Agricultural Chemicals
(sethoxydim) Vantage; (bentazon) Basagran T/O
Bonide Products Inc
(eptam, deurinol, dacthal) Bonide
DOTS (Distributors Own Turf Supplies)
(surflan) DOTS
DowElanco
(oryzalin, isoxaben) Snapshot; (oryzalin) Surflan; (oryzalin/benefin) XL
Grace-Sierra Horticultural Products Co
(oxyfloorfen, oryzalin) ROUT Ornamental Herbicide
Jonathan Green Inc
Balan, Surflan, Team, Treflan, Triamine, Tri-Ester, Trimec Plus, Turflon D, Weed-a-way with Triamine
ICI Americas Inc
(propionamide) Deurinon; (S-etyl dipropylthiocarbamate) Eptam
Lebanon Turf Products Div Lebanon Chemical Corp
(treflan (trifluralin)) Lebanon; (treflan (trifluralin)) Green Gold
LESCO Inc
(fluazifop-p-butyl) LESCO Take-Away Grassy Weed Herbicide
PBI-Gordon Corp
(L V esters of 2,4-D & dicamba) Super Trimec
Rhone-Poulenc Ag Co
(oxadiazon) Chipco Ronstar 50 WP; (oxadiazon) Chipco Ronstar G
O M Scott & Sons Co
Uniroyal Chemical Co World Headquarters
(dichlobenil) Casoron

Herbicides, Postemergence

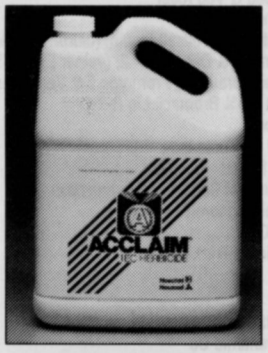
J & L Adikes Inc
(Trimec DSMA) GRO-WELL
American Cyanamid Co
(imazaquin) Image

Nothing stops purple nutsedge and other uncontrollable weeds like IMAGE. IMAGE® Herbicide

Andersons
BASF Corp Agricultural Chemicals
(bentazon) Basagran T/O; (bentazon, atrazine) Prompt; (sethoxydim) Vantage
Bonide Products Inc
(2, 4-D, banvel, DSMA) Bonide
DOTS (Distributors Own Turf Supplies)
(triamine, trimec) DOTS

continued

Dow Chemical Co
(triclopyr & 2,4-D) Turflon II; (triclopyr) Turflon; (chlorpyralid & trichlopyr) Confront
DowElanco
(triclopyr) Turflon; (triclopyr, clopyralid) Confront
Drexel Chemical Co
(MSMA plus surfactant) Drexr 530
Grace-Sierra Horticultural Products Co
(2, 4-D, propisnic acid, dicamba) Trex-San
Jonathan Green Inc
Triamine, Tri-Ester, Trimec Plus, Turflon D, Weed-a-way with Triamine
Hoechst-Roussel Agri-Vet Co
(fenoxaprop-ethyl) Acclaim



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ICI Americas Inc
(fuazifop-p-butyl) Fusinade 2000 Turf & Ornamental
ISK Biotech Corp
(monosodium methane arsonate) Daconate; (monosodium methane arsonate) Ansar 6.6; (2,4D & MCPP, 2,4D) 2+2, Dacamine
Howard Johnson Ent Inc
(triamine, 2,4-D amine & ester)
Lebanon Turf Products Div Lebanon Chemical Corp
(trimec (2,4-D, MCPP, dicamba)) Lebanon Pro; (2,4-D, MCPP) Country Club, Lebanon, Green Gold, Turfmaster
LESCO Inc
(2,4-D & 2,4-DP) LESCO Granular Herbicide; (potassium salts of fatty acids) LESCO Moss & Algae Eraser; (fluazifop-p-butyl) LESCO Take-Away Grassy Weed Herbicide; (chlorsulfuron) LESCO TFC; (imazaquin) LESCO Image Herbicide 1.5 LC; (MSMA) LESCO MSMA 6.6 Herbicide; (MCPP) Lescopex; (2,4-D, 2,4-DP) LESCO Weedone DPC Herbicide; (2,4-D) LESCO A-4D; (MICPP, 2,4-D, dicamba) LESCO Bentgrass Selective Broadleaf Herbicide; (2,4-D, MCPP, dicamba) LESCO Three Way Selective Herbicide; (2,4-D, dicamba) LESCO Spot Weeder
Mobay Corp
(metribuzin) Sencor
Monsanto Agricultural Co
(2,4-D, MCPP) Expedite 2 Way Ester; (dicamba, MCPP, 2,4-D) Expedite 3 Way Amine
NOR-AM Chemical Co
(ethofumesate) Prograss
PBI-Gordon Corp
(amine 2,4-D, MCPP, dicamba) Trimec Classic, Bentgrass Formula, Southern Formula, Encore, Applicators Formula
Rhone-Poulenc Ag Co
(2,4-D + 2, 4-DP butoxyethyl esters) Chipco Weedone DPC; (2, 4-D + 2, 4-DP diethanolamines) Chipco Weedone DPC Amine

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Rigo Co Black Leaf Products Co
(MSMA) Rigo's Best Grabgrass Killer; (eptam) Black Leaf Eptam Weed Control
Riverdale Chemical Co
(MCPA, MCPP & 2, 4-DP (amine)) Triamin II; (2,4-D, MCPP & 2,4-DP (amine)) Triamine Granular Weed Killer, Triamine Jet-Spray Spot Weed Killer, Triamine, Dissolve; (2,4-D amine) Weedestroy AM-40 Amine Salt, Turf Weedestroy D; (2,4-D, MCPP & 2,4-DP (IOE)) Tri-Ester; (MCPA, MCPP & 2, 4-DP (IOE)) Tri-Ester II; (2,4-D & 2,4-DP (IOE)) Turf D + DP, Brush Killer; (mecoprop (amine)) Weedestroy MCPP-2 Amine, MCPP-4 Amine; (mecoprop (IOE)) MCPP L.V. Ester; (2,4-D & dichlorprop (amine)) 2 D + 2 DP Amine; (MCPA (amine)) MCPA-4 Amine; (dichlorprop (IOE)) DP 4 Ester; (2,4-D (IOE)) 2,4-D Granules; (2,4-D, MCPP & 2,4-DP (acid)) Triamine II W S; (2,4-D amine) Weedestory Amine 6D; (mecoprop & 2,4-D (amine)) 2-MCPP & 2 D Amine; (2,4-D & MCPP (IOE)) Granular Lawn Weed Killer; (2,4-D, MCPD & dicamba (amine)) Triplet; (MCPA, MCPP & dicamba (amine)) Tri-Power
Rockland Corp
(three way lawn weed killer) Triple D
O M Scott & Sons Co
(atrazine) Proturf St Augustine Weed Control Plus Fertilizer (28-3-3); (2,4-D MCPP, dicamba) Proturf Fertilzer Plus dicot Weed Control III (32-4-3); (metsulfuron methyl) Proturf DMC Weed Control; (dicamba) Proturf K-0-G Weed Control; (2,4-D, 2,4-DP) Proturf Fluid Broadleaf Weed Control
Sudbury Lawn & Garden Products
(2, 4-D, sodium salt) Killer Kane Kartridges
UAP Special Products Inc
MecAmine - D; Four Power Plus

Herbicides, Preemergence

J & L Adikes Inc
(Tupersan Team) GRO-WELL
Andersons
Bonide Products Inc
(tupersan, dacthal) Bonide
Ciba-Geigy Turf & Ornamental Products
(metolachlor) Pennant
W A Cleary Chemical Corp
MCPP; MCPP 2, 4-D; Methar 30; Weedone-DPC
DOTS (Distributors Own Turf Supplies)
(team, surflan, dacthal, tupersan balan, excel) DOTS
DowElanco
(trifluralin/benefin) Team; (benefin) Balan; (isoxaben) Gallery
Drexel Chemical Co
(sumazine) Drexel Simazine 4L; (atrazine) Drexel Atrazine 4L
Grace-Sierra Horticultural Products Co
(benzensol fonamide) Pre-San
Jonathan Green Inc
(fertilizer plus team combinations, 10-15-10 with tupersan) Team 2%
ICI Americas Inc
(bensulide) Betasan
ISK Biotech Corp
(DCPA) Dacthal
Howard Johnson Ent Inc
(Team, Dacthal, Balan, Dryzalin, Excel, Tupersan, Betasan)
Lebanon Turf Products Div Lebanon Chemical Corp
(balan (benefin), betasan (bensulide), dacthal (DCPA), ronstar (oxidiazon), surflan (oryzalin), team (benefin & trifluralin), gallery (isoxaben)) Country Club; (balan (benefin), team (benefin & trifluralin)) Turfmaster; (balan (benefin), betasan (bensulide), decthal (DCPA), tupersan (siduron)) Lebanon; (balan (benefin), team (benefin & trifluralin), tupersan (siduron)) Green Gold
LESCO Inc
(pendimethalin) LESCO PRE-M; (napropamide) LESCO Ornamental Herbicide 5G; (bensulide) Lescosan 4E; (bensulide) Lescosan 7G; (DCPA) LESCO Dacthal 5G; (benefin) LESCO 2.5 Benefin Granular; (pendimethalin) LESCO PRE-M 60 DG
Mobay Corp
(metribuzin) Sencor
NOR-AM Chemical Co
(ethofumesate) Prograss
PBI-Gordon Corp
(2,4D, MCPP, dicumba, MSMA) Trimec Plus
Rhone-Poulenc Ag Co
(oxidiazon) Chipco Ronstar 50 WP; (oxadiazon) Chipco Ronstar G

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Rigo Co Black Leaf Products Co
(dacthal) Rigo's Best Weed Granules; (treflan) Rigo's Best Grarden Weed Granules
O M Scott & Sons Co
(pendimethalin) ProTurf HD Fertilizer Plus Turf Weedgrass Control (30-3-10); (pendimethalin) Proturf Turf Fertilizer Plus Preemergent Weed Control (22-0-6); (pendimethalin) Proturf Weedgrass Control 60 WP; (siduron) Proturf Starter Fertilizer with Preemergence Weed Control (16-21-3); (pendimethalin) Proturf Nitrogen/Potassium Fertilizer Plus Preemergent Weed Control (14-0-14); (oxadiazon) Proturf Turf Starter Plus RONSTAR (14-21-10); (bensulide) Proturf Weedgrass Preventer; (bensulide, oxadiazon) Proturf Goosegrass/Crabgrass Control; (pendimethalin) Proturf southern Weedgrass Control, Proturf Turf Weedgrass Control
Spring Valley Turf Products
(TEAM Sprayable) Spring Valley; Crab-Spray 10%
Stanford Seed Co
(tupersan) Old English
Sudbury Lawn & Garden Products
(zinc, copper) Moss Master
UAP Special Products Inc
Weedgrass Control; Team; XL; Balan; Casaron; Surflan

Insecticides, Tree/Ornamental

Abbott Laboratories
(bacillus thuringiensis) DIPEL
J & L Adikes Inc
(malathion, methoxychlor, diazinon, sevin, horticultural oil) GRO-WELL
Bonide Products Inc
(diazinon, malathion, kelthane, rotenone, cygon, disyston, sevin, methoxychlor, pyrethrin, imidan, sulfur, lindane, dipel, dursban) Bonide
Ciba-Geigy Turf & Ornamental Products
(cyromazine) Citation
W A Cleary Chemical Corp
Dursban 2E; Dursban 2.5 Granular; Sevin SL; Sevin 6.3 Granular
Creative Sales Inc
(acephate (Orthene)) ACECAP 97
Dow Chemical Co
(chlorpyrifos) Dursban
DowElanco
(chlorpyrifos) Pageant
Drexel Chemical Co
(diazinon) Drexel Diazinon; (methoxychlor) Drexel Methoxychlor; (malathion) Drexel Malathion; Drexel Carbaryl 4L
FMC Corp Ag Chem Group
(biferthrin) Talstar

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Jonathan Green Inc
Dursban 50% WSB, Carbaryl/Sevin 4L; Turcam 76WP
Howard Johnson Ent Inc
(Dursban, Oftanol, Diazinon, Trichlorfon Sevin brand carraryl insecticide)
Kincaid Enterprises Inc
(methoxychlor) Marlate 50 WP

Control Products

continued

LESCO Inc
(carbaryl) LESCO Sevin 6.3 Granular; LESCO Horticultural Oil; (chlorpyrifos) LESCO Dursban 2.32G
Maag Agrochemicals Inc
((IGR) fenoxycarb) LOGIC Fire Ant Bait
J J Mauget Co
(oxydemeton-methyl) Inject-A-Cide; (dicrotophos) Inject-A-Cide B
Mobay Corp
(oxydeneton-methyl) Metasystox; (cyfluthrin) Tempo
Mycogen Corp
(bacillus thuringensis var San Diego) M-ONE Insecticide; (encapsulated delta endotoxin of bt var kurstaki) MVP Bioinsecticide; (fatty acids) M-Pede Insecticide
NOR-AM Chemical Co
(bendiocarb) Turcam & Turcam 2-1/2G
PBI-Gordon Corp
(Fenitrothion) Pestroy
Prentiss Drug & Chemical Co
(diazinon, malathion, methoxychlor, lindane, chlorpyrifos) Prentox
Rhone-Poulenc Ag Co
(carbaryl) Chipco Sevimol; (carbaryl) Sevin

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Rigo Co Black Leaf Products Co
(nicotine sulphate) Black Leaf 40
Ringer Corp
(potassium salts of fatty acids) Aphid-Mite Attack
Rockland Corp
O M Scott & Sons Co
Standard Tar Products Co
(wood preservative) Organiclear
UAP Special Products Inc
Malathion; Safer; Carlsaryl; Mavrik
Uniroyal Chemical Co World Headquarters
(diflubenzuron) Dimilin
Valent USA Corp
(acephate) ORTHENE Turf, Tree & Ornamental Spray; (fenpropathrin) Tame
Whitmire Research Labs
(pyrethrum) PT 1133 Pyreth-It

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Insecticides, Turf

Abbott Laboratories
(bacillus thuringiensis) DIPEL
American Cyanamid Co
(hydramethylnon) AMDRO

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Andersons
Tee Time
Bonide Products Inc
(dylox, oftanal, sevin, diazinon, dursban) Bonide
Ciba-Geigy Turf & Ornamental Products
(isazophos) Triumph
W A Cleary Chemical Corp
Sevin; Dursban
DOTS (Distributors Own Turf Supplies)
(diazinon, carbaryl, dycox, oftanol dursban granules & w/ fert) DOTS
Dow Chemical Co
(chlorpyrifos) Dursban
DowElanco
(chlorpyrifos) Dursban
Drexel Chemical Co
(chlorophos) Drexarlawn Gr; (carbaryl) Drexar Carbaryl
Jonathan Green Inc
Dursban 2.32%, Dursban 50% WSB, Dylox 6.2%G, Turcam 2.5%G, Turcam 76WP; (16-2-3 with sevin fertilizer plus dursban combinations) Sevin/Carbaryl 4L
ICI Americas Inc
(fonofos) Crusade
Lebanon Turf Products Div Lebanon Chemical Corp
(dursban (chlorpyrifos), oftanol (isofenfos), sevin (cabaryl)) Country Club; (dursban (chloropyrifos), oftanol (isofenfos), sevin (carbaryl)) Lebanon Pro; (dursban (chloropyrifos), oftanol (isofenfos), dylox (dimethyl phosphonate), diazinon, sevin (carbaryl)) Lebanon; (dursban (chloropyrifos)) Green Gold
LESCO Inc
(carbaryl) LESCO Sevin Brand 6.3G; (carbaryl) LESCO Sevin Brand SL; (isofenphos) LESCO Oftanol 1.5G; (chlorpyrifos) LESCO 2.32% Granular Dursban; (chlorpyrifos) LESCO 0.97% Granular Dursban Insecticide; (diazinon) LESCO Diazinon 500; (diazinon) LESCO Diazinon 5G; (trichlorfon) LESCO White Grub & Sod Webworm Insecticide
Maag Agrochemicals Inc
((IGR) fenoxycarb) Logic Fire Ant Bait
Mobay Corp
(trichlorfon) Dylox; (isofenphos) Oftanol
Mycogen Corp
MVP; M-Pede
NOR-AM Chemical Co
(bendiocarb) Turcam; (trichlorfon) Proxol
PBI-Gordon Corp
(fluazifop butyl) Ornamel
Prentiss Drug & Chemical Co
(chlorpyrifos, diazinon, lindane, malathion) Prentox
Rhone-Poulenc Ag Co
(ethoprop) Chipco Mocap 10G; (carbaryl) Chipco Sevimol; (carbaryl) Sevin

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Rigo Co Black Leaf Products Co
Rigo's Best; (oftanol) Rigo's Best Turf Saver; (avermectin) Affirm Fire Ant Killer
Rockland Corp
O M Scott & Sons Co
(chlorpyrifos) ProTurf Turf Fertilizer Plus Insecticide III (22-3-5); (diazinon) Proturf Insecticide I; (isofenfous) Proturf Insecticide IV; (chlorpyrifos) Proturf Insecticide III; (trichlorfon) Proturf Insecticide VI; (carbaryl) Proturf Fluid Insecticide
Stanford Seed Co
(oftanol) Old English
UAP Special Products Inc
Turcam; Durshan; Sevin 10G; Carbaryl; Diazinon; Triumph
Valent USA Corp
(acephate) ORTHENE Turf, Tree & Ornamental Spray

Miticides

Bonide Products Inc
(kelthane, pentac) Bonide
Mobay Corp
(oxythioquinox) Morestan
Mycogen Corp
M-Pede; Sunspray UFO
Prentiss Drug & Chemical Co
(diazinon, malathion) Prentox
Ringer Corp
(potassium salts of fatty acids) Aphid-Mite Attack
UAP Special Products Inc
Pentac; Orthene
Uniroyal Chemical Co World Headquarters
(propargite) Ornamite
Valent USA Corp
(fenpropathrin) Tame

Mulches & Erosion Control

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ArborGuard Industries
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(baled pine needles) Pinestraw
Contech Construction Products
(polyester fabric) Terra Bond
Finn Corp
(synthetic fiber additive) Fiber Plus; (tackifier) Hydro-Stick
Jonathan Green Inc
Jonathan Green Hydro Seeding Fibermulch, Hydrogreen Tackifier, Super Tackifier, Excelsoir Netting, Jute Matting, Staple Hydroseeding Fertilizer 16-32-16, Jonathan Green Blue Dye
National Bark Sales
High Sierra Dec Bark; Montaro Shredded Cedar
Pioneer Peat Inc
(organic peat moss) Dakota Peat
PRSM Inc
Mulch Mate Supertac Hydroseeding Tackifier; Quickseed Hydroseeding Mulch
Reclamare Co
(blend natural polysaccharides) J-tac; (liquid PVA) Marloc
Soil Seal Corp
(soil polymer) Soil Seal Concentrate
Southern Importers Inc
Stanford Seed Co
(crownuetch) Old English
Weyerhaeuser Engineered Fibers
(100% wood fiber mulch) Silva-Fiber; (100% wood fiber mulch) Silva-Fiber Plus

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Nematicides

Bonide Products Inc
(vapam) Bonide
Finn Corp
(concentrated dye) Green Plus
ICI Americas Inc
(sodium methyldithiocarbamate) Vapam
LESCO Inc
LESCO Soil Prep
Mobay Corp
(fenamiphos) Nemacur
Rhone-Poulenc Ag Co
(ethoprop) Chipco Mocap 10G

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UAP Special Products Inc
Nemacur

Odor Neutralizer

Epoleon Corp of America
(organic, amine, betaine compounds) Epoleon N-100; (organic, amine, betaine compounds) Epoleon N7C

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Repellents, Animal

Bonide Products Inc
(thiram) Bonide Rabbit & Deer Repellent; (methyl monyl ketone) Bonide Dog-N-Cat Repellent
Burlington Scientific Corp
(denatonium saccharide) RoPel; (vilex) RoPel Garbage Protect.r
W A Cleary Chemical Corp
(thiram) Spotrete
IntAgra Inc
(putrefied egg solids) Deer Away Big Game Repellent
Rigo Co Black Leaf Products Co
(dried blood, tobacco dust, moth balls) Black Leaf Hare & Hound Repellent; (nicatine sulphate) Black Leaf 40

* Advertiser. See Advertisers Index

Rockland Corp
Deer Guard
Sudbury Lawn & Garden Products
(methyl nonyl ketone) Get Off My Garden, Chaperone Indoor/Outdoor Dog & Cat Repellent; (thiram) Rabbit & Deer Repellent; (naphthalene) Squirrel & Bat Repellent; (bromadiolone) Just One Bite Rat & Mouse Bait
Uniroyal Chemical Co World Headquarters
(ammonium soap) Hinder

Soil Amendments

Aglukon Agri-Products
(co-polymer acrylamide & pot acryl) Viterra Gelscape

SEE AD NEXT COLUMN

Arctech Inc
(organic humic-acids) Professional Actosol
CFS Specialty Div
(gypsum, soft-rock phosphate)
DOTS (Distributors Own Turf Supplies)
(natural turf repair) DOTS
Emerald Isle Ltd
(granular sea plant meal) SAND-AID
Four Star Services Inc
(ammonium laureth sulfate) Pene-Turf Soil Treatment
Jonathan Green Inc
(liquid limestone substitute) Jonathan Green Super-Cal; (pelletized, granular, pulverized limestones) Aqua-gro Wetting Agent
Green Pro Services
(humates & minerals) Vita-Build; (micro-organisums & humates) Vita-Krobe
Greensmix Soilblenders
(custom soil blenders) Greensmix
Humate Intl Inc
(humic acid) Humate

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(polyacrylamide) SOIL MOIST Polymer Products
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(mixture of fulvic & humic acids) Biostim Humic Acid
OHP Intl Inc
(humate, micronutrients) Ferto
Parkway Research Corp
(flowable activated carbon) S2 Pickup
Partac Peat Corp
(clay mixes) Beam Clay; (organic binding agent) Stabilizer
PBI-Gordon Corp
(extract of dairy cow slurry) Bov-A-Mura
Pioneer Peat Inc
(organic peat moss) Dakota Peat
PRSM Inc
(sewage sludge) Earthlife Compost
Southern Turf Nurseries
(calcine clay) Terra Green
Stockhausen Inc
(superabsorbent polymers) Stockosorb
Sustane Corp
(composted turkey litter) Sustane 5-2-4 Natural Organic Fertilizer
UAP Special Products Inc
Turfade

Soil Conditioner

Arctech Inc
(organic humic-acids) Professional Actosol
Bonide Products Inc
(soil micronutrients) Bonide
CFS Specialty Div
Emerald Isle Ltd
(granular sea plant meal) SAND-AID
Four Star Services Inc
(ammonium laureth sulfate) Pene-Turf Soil Treatment
Jonathan Green Inc
(limestones) Jonathan Green Super-Cal
Green Pro Services
(combination of humates & wetting agent) Vita Flow
Gro-Power Inc
(NPK: 5-3-1, humus 50%, humic acids 15%, soil bacteria) Gro-Power
Humate Intl Inc
(humic acid) Humate
Karsten Turf Inc
(natural enzymes, bacteria, humates, etc) Turf Anser Products
Kurtz Bros Inc
(pure organic, screened, bagged) Soil Magic; (pure organic, bulk only) TechnaGro
LESCO Inc
LESCO-Wet; LESCO Spreader Sticker
Loveland Industries Inc
Raindrop Soil; Penetrant
National Bark Sales
(composted bark soil conditioner) Top-N'-Turf
Nature's Touch
(micro biological extracts speeds penetration & hold H20) Nutra Aid II
OHP Intl Inc
(humate, micronutrients) Ferto
Partac Peat Corp
(calcined montmorillonite) Terra-Green; (heat treated sand, soil, peat) Partac
PBI-Gordon Corp
(extract of dairy cow slurry) Bov-A-Mura
Pioneer Peat Inc
(organic peat moss) Dakota Peat
Precision Laboratories Inc
Liqui-Cal
Reinco Inc
Soil Technologies Corp
(polysaccharide) TURFtech
Southern Turf Nurseries
(calcine clay) Terra Green

Soil Fumigants

Bonide Products Inc
(vapam) Bonide
Hendrix & Dail Inc
(methyl bromide/chloropicrin) MBC; (methyl bromide/chloropicrin) MBC-Conc; (methyl bromide/chloropicrin) MBC-33
ICI Americas Inc
(sodium methyldithiocarbamate) Vapam
LESCO Inc
LESCO Soil Prep
Loveland Industries Inc
(dazdmet) Basamid
Rigo Co Black Leaf Products Co
(vapam) Black Leaf Vapam
Trebor Corp
(activated flowable charcoal) Flowable Charcoal
UAP Special Products Inc
Basamid

Sorbents

Finn Corp
Hydro-Gel
International Absorbent Marketing Inc
(starch superabsorbent) Sorb-A-Gro
Organic Lawn Care
(potaissum polyacralate) Gelsall
Parkway Research Corp
(co-polymer) Parcosorb Super Absorbant
Precision Laboratories Inc
Chemsorb; Petrosorb
Stockhausen Inc
(superabsorbent polymers) Stockosorb

Spill Absorbants

W A Cleary Chemical Corp
ClearSorb
Parkway Research Corp
Hazard Material Spill Kit
Precision Laboratories Inc
Chemsorb; Petrosorb
Spectrum Technologies Inc
Hazorb; Polysorb
Trebor Corp
(polymer starch) Soak-Up

Sticker/Extender

Bonide Products Inc
(spreader-sticker) Bonide

continued

W A Cleary Chemical Corp
Clearspray
Finn Corp
Hydro-Stick
Kalo Inc
(alkylarylpoly ethanol, phosphatic acids) BIO FILM
LESCO Inc
LESCO Spreader Sticker
Loveland Industries Inc
Bond; Intac
Parkway Research Corp
(polymer & surfactant stickers) Herbi Glue; (polymer & surfactant stickers) Spread It; (polymer & surfactant stickers) P-77
PBI-Gordon Corp
Exhalt 800
Precision Laboratories Inc
Chem-Stik
Reinco Inc
Rockland Corp
Soil Seal Corp
(soil polymer) Soil Seal Concentrate
UAP Special Products Inc
Bond

Tree Dressings

Bonide Products Inc
(pruning paint) Bonide

Wetting Agents

Aglukon Agri-Products
(blend of esters & ethers) Aquatrant
Aquatrols
(polyoxyethelyene esters of cyclic acids, polyoxyethelyene ethers of alkylated phenols) AquaGro
Bonide Products Inc
(spreader-sticker) Bonide
W A Cleary Chemical Corp
Super Wet
Drexel Chemical Co
Surfac 820
Grace-Sierra Horticultural Products Co
(non-ionic surfactants) Hydraflo
Jonathan Green Inc
(wetting agent) Aqua-Gro
Green Pro Services
(combination of humates & wetting agents) Vita Flow
Humate Intl Inc
(surfactants, humate) Aqua-Root
Kalo Inc
(polyoxyethylenepolypoxypropanol) Hydro-Wet, Hydro-Wet RTA; (glycol butyl ether) Hydro-Wet TG
Lebanon Turf Products Div Lebanon Chemical Corp
(Naiad) Country Club
LESCO Inc
LESCO-WET; LESCO Spreader Sticker; LESCO-WET Granular; LESCO-WET Tablets
Loveland Industries Inc
Activator 90; LI 700; Activator NF
NAIAD Co
(blended surfactants) NAIAD Soil Penetrant; NAIAD Pellets
Nouvelle Laboratories Inc
(organo-siloxane) Venom; (organo-siloxane) Surfactant
Parkway Research Corp
(100% Active surfactant blend) Wet Foot
PBI-Gordon Corp
Turfex; Aqua-Zorb
Precision Laboratories Inc
Penatrate II
ROOTS Inc
(sarsaponin-schidigera) Noburn

NOBURN
NATURAL WETTING AGENT

UAP Special Products Inc
Aquatrel

4. Chemical Companies

Abbott Laboratories
14th & Sheridan Rd
North Chicago IL 60064
312-937-6100

J & L Adikes Inc
182-12 93rd Ave
Jamaica NY 11423
718-739-4400
516-437-4477

Aglukon Agri-Products
50 N Harrison Ave
Congers NY 10920
914-268-2122
800-832-8788
Fax 914-268-4294

AGRO Diversified Industries
Chimney Rock Rd Bldg 3W
Bound Brook NJ 08805
908-805-9336
Fax 908-805-9383

American Cyanamid Co
One Cyanamid Plaza
Wayne NJ 07470
201-831-2000

Andersons
1200 Dussel Dr
Maumee OH 43537
800-225-2639

★Aquashade Inc
PO Box 198
Eldred NY 12732
914-557-8077
Fax 914-557-8015

Aquatrols
1432 Union Ave
Pennsauken NJ 08110
609-665-1130
800-257-7797
Fax 609-665-0875

ArborGuard Industries
10787 Big Bone Church Rd
Union KY 41091
606-384-3276
800-283-6852
Fax 606-384-3200

Arbor Systems Inc
Box 31294
Omaha NE 68131
402-896-6320

Arcadian Corp
Triazone Div
6750 Poplar Ave Ste 600
Memphis TN 38138-7419
901-758-5222
Fax 901-758-5206

Arctech Inc
5390 Cherokee Ave
Alexandria VA 22312
703-642-4190
Fax 703-642-4021

BASF Corp
Agricultural Chemicals
2505 Meridian Pkwy
PO Box 13528
Research Triangle Park NC 27709-3528
919-361-5300
Fax 919-361-5722

Becker-Underwood Inc
801 Dayton Rd
Ames IA 50010
800-232-5907
Fax 515-232-5961

Bio Plus Mfg Inc
2550 Abarr Dr
Loveland CO 80538
303-667-3127
Fax 303-667-4627

Bonide Products Inc
2 Wurz Ave
Yorkville NY 13495
315-736-8231
Fax 315-736-7582

Briargreen Inc
PO Box 6639
Kent WA 98064
800-635-TURF
Fax 206-630-9124

★Burlington Scientific Corp
222 Sherwood Ave
Farmingdale NY 11735-1718
516-694-9000

Carolina Mulch
PO Box 11451
Charlotte NC 28220
704-525-1442

Cedar Chemical Corp
5100 Poplar Ave Ste 2414
Memphis TN 38137
800-227-2798
Fax 901-684-5398

CelPril Industries
251 Oak St
Manteca CA 95336
209-823-1738

CFS Specialty Div
Rte 2 Box 24
Cashton WI 54619
608-654-5123
800-822-6671
Fax 608-654-5696

Nāturall™
CFS SPECIALTY DIV. • 800-822-6671

Ciba-Geigy Turf & Ornamental Products
410 Swing Rd
Greensboro NC 27409
919-547-1160
Fax 919-547-1164

W A Cleary Chemical Corp
178 Rte 522 Ste A
Dayton NJ 08180
908-329-8399
Fax 908-274-0894

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Clifford Sales & Marketing
44 Granada Way
St Louis MO 63124
314-432-5806
Fax 314-997-5375

Contech Construction Products
1001 Grove St
Middletown OH 45044
800-338-1122 Ext 2165
Fax 513-425-5993

★CoRoN Corp
113 E Reliance Rd
PO Box 198
Souderton PA 18964
215-723-5099
800-338-0836
Fax 215-721-2800

Creative Sales Inc
222 N Park Ave
PO Box 501
Fremont NE 68025
402-727-4800
800-759-7739
Fax 402-727-4841

Davey Tree Expert Co
1500 N Mantua
Kent OH 44240
216-673-9511
Fax 216-673-9843

★Doggett Corp
30 Cherry St
Lebanon NJ 08833
201-236-6335
Fax 201-236-7716

★DOTS (Distributors Own Turf Supplies)
161 W Wisconsin Ave Ste 4000
Milwaukee WI 53203-2602
800-345-DOTS

Dow Chemical Co
9001 Bldg
Midland MI 48640
517-636-9843

★DowElanco
9002 Purdue Rd Quad III
Indianapolis IN 46268-1189
317-876-5800
800-352-6776
Fax 317-870-7290

Drexel Chemical Co
2487 Pennsylvania St
Memphis TN 38109
901-774-4370
Fax 901-774-4666

E I DuPont de Nemours & Co
1007 Market St
Wilmington DE 19898
302-992-6161

Easy Gardener Inc
PO Box 21025
Waco TX 76706
817-753-5353
Fax 817-753-5372

Emerald Isle Ltd
2153 Newport Rd
Ann Arbor MI 48103
313-662-2727
800-628-GROW
Fax 313-747-8778

Enviro-Gro Technologies
1853 William Penn Way
Lancaster PA 17601
717-397-6390
Fax 717-293-4470

★Epoleon Corp of America
3858 Carson St Ste 121
Torrance CA 90503
213-316-4242
Fax 213-316-4463

★Finn Corp
9281 LeSaint Dr
Fairfield OH 45014
800-543-7166
Fax 513-874-2914

FMC Corp
Ag Chem Group
2000 Market St
Philadelphia PA 19103
215-299-6000

Forestry Suppliers Inc
205 W Rankin St
Jackson MS 39201-6126
601-354-3565
800-647-5368
Fax 601-355-5126
Fax 800-543-4203

Four Star Services Inc
2275 N State Rd 1
PO Box 463
Bluffton IN 46714
219-824-5384
800-348-2608
Fax 219-824-1534

Garfield Williamson Inc
9 Stewart Pl
Fairfield NJ 07004
201-882-7755
Fax 201-882-7750

Garick Corp
13532 Broadway Ave
Cleveland OH 44125
216-581-0100

Grace-Sierra Horticultural Products Co
1001 Yosemite Dr
Milpitas CA 95035
800-492-8255
Fax 408-262-8944

Great Lakes Biochemical Co
6120 W Douglas Ave
Milwaukee WI 53218
414-464-1200
Fax 414-464-8222

Great Salt Lake Minerals Corp
6950 W 56 St
Mission KS 66202
913-384-7224
800-821-3920
Fax 913-384-7272

Green Graphics
PO Box 1865
Corrales NM 87048-1865
800-544-8523
Fax 505-898-2181

Jonathan Green Inc
Squankum-Yellowbrook Rd
PO Box 326
Farmingdale NJ 07727
908-938-7007
Fax 908-938-5788

Green Pro Services
380 S Franklin St
Hempstead NY 11550
516-538-6444

Greensmix Soilblenders
E3481 Hwy 22 & 54
Waupaca WI 54981
715-258-8566
Fax 715-258-8750

Gro-Power Inc
PO Box 4907
El Monte CA 91734
213-245-6849
Fax 818-443-9514

Growth Products Ltd
PO Box 1259
White Plains NY 10602
914-428-1316
800-648-7626
Fax 914-428-2780

★Gustafson Inc
PO Box 660065
Dallas TX 75266-0065
214-985-8877
Fax 214-985-1696

Helena Chemical Co
6075 Poplar Ave Ste 500
Memphis TN 38119
901-761-0050

Hendrix & Dail Inc
PO Box 589
Oxford NC 27565
800-662-4130
Fax 919-693-8787

Hoechst-Roussel Agri-Vet Co
Rte 202-206 N
PO Box 2500
Somerville NJ 08876
201-231-4084

Humate Intl Inc
600 N Ellis Rd
Jacksonville FL 32205
904-783-6396
Fax 904-781-6512

ICI Americas Inc
Wilmington DE 19897
302-886-1000

IntAgra Inc
8500 Pillsbury Ave S
Minneapolis MN 55420
612-881-5535
800-468-2472
Fax 612-881-7002

International Absorbent Marketing Inc
W 1000 Silver Rd
Smelterville ID 83868
208-773-1149
Fax 208-786-2911

ISK Biotech Corp
5966 Heisley Rd
PO Box 8000
Mentor OH 44061-8000
216-357-4100
Fax 216-354-9506

S C Johnson & Sons Inc
1525 Howe St
Racine WI 53403-2237
414-631-2000

★Howard Johnson Ent Inc
PO Box 2990
Milwaukee WI 53201
800-642-4656

JRM Chemical Inc
13600 Broadway Ave

continued

Cleveland OH 44125
216-475-8488
800-962-4010
Fax 216-475-6517

Kalo Inc
4550 W 109 St Ste 250
Overland Park KS 66211
913-491-9125
Fax 913-491-9146

Karsten Turf Inc
2201 W Desert Cove
Phoenix AZ 85029
602-870-5598
Fax 602-943-1966

Kincaid Enterprises Inc
Plant Rd
PO Box 549
Nitro WV 25143
304-755-3377

KLM Bio Systems Inc
10700 Normandale Blvd
Bloomington MN 55437
612-884-4081

Kurtz Bros Inc
4700 E 49 St
Cleveland OH 44125
216-641-9999
Fax 216-341-9331

Lange-Stegmann Co
One Angelica St
St Louis MO 63147
314-241-9531
Fax 314-241-1819

★Lebanon Turf Products
Div Lebanon Chemical Corp
1600 E Cumberland St
Lebanon PA 17042
717-273-1685
Fax 717-273-9466

LESCO Inc
20005 Lake Rd
Rocky River OH 44116
216-333-9250
Fax 216-333-7789

Loveland Industries Inc
PO Box 1289
Greeley CO 80632-1289
303-356-8920
Fax 303-356-8926

Maag Agrochemicals Inc
5690 58th Ave
PO Box 6430
Vero Beach FL 32961
407-567-7506

J J Mauget Co
2810 N Figueroa St
Los Angeles CA 90065
213-227-1482

Medi-Ject Tree Injection Systems
520 Eldora Lane
Lincoln NE 68505
402-467-5926

Micro Key Sciences Inc
PO Box 27701-450
Houston TX 77227-7701
713-342-5331

Milliken Chemical
PO Box 817
Inman SC 29349
800-845-8502
Fax 803-472-4129

Milorganite
PO Box 3049
Milwaukee WI 53201-3049
414-225-2080

Milwaukee Metropolitan Sewerage District
735 N Water St
Milwaukee WI 53202
414-225-2222

Mobay Corp
PO Box 4913
Kansas City MO 64120
816-242-2305
816-242-2333

★Monsanto Agricultural Co
800 N Lindbergh Blvd
St Louis MO 63167
314-694-3767
Fax 314-694-2306

Moyer & Son Inc
PO Box 198
Souderton PA 18964
800-345-0419
Fax 215-721-2800

Mycogen Corp
5451 Oberlin Dr
San Diego CA 92121
619-453-8030

Na-Churs Plant Food Co
421 Leader St
Marion OH 43302
614-382-5701
800-622-4877
Fax 614-383-2615

NAIAD Co
5627 Stoneridge Dr Ste 316
Pleasanton CA 94588
415-460-8530
Fax 415-460-9954

National Bark Sales
1365 N Orchard St
Boise IL 83704
208-375-0656
800-441-2036
Fax 208-322-1720

Nature's Touch
11150 Addison
Franklin Park IL 60131
708-455-8600
Fax 708-455-6902

★NOR-AM Chemical Co
3509 Silverside Rd
PO Box 7495
Wilmington DE 19803
302-575-2000

Nouvelle Laboratories Inc
PO Box 1931
Stuart FL 34995
407-286-9526
Fax 407-286-8113

OHP Intl Inc
1000 S Colorado Ave
PO Box 52000
Provo UT 84605-2000
801-377-3400
Fax 801-377-3445

Organic Lawn Care
435 Wilson St NE
Minneapolis MN 55413
800-798-1069
Fax 612-331-2357

★Par Ex
PO Box 512
Winter Haven FL 33882-0512
813-294-2567

Parkway Research Corp
13802 Chrisman Rd
Houston TX 77039
713-442-9821
Fax 713-590-3353

Partac Peat Corp
Kelsey Park
Great Meadows NJ 07838
908-637-4191
800-247-2326

PBI-Gordon Corp
1217 W 12 St
Kansas City MO 64101
800-821-7925
816-421-4070

Pioneer Peat Inc
PO Box 5438
Grand Forks ND 58206
701-746-4300
Fax 218-773-3151

Plant Food Co
Hightstown Cranbury Station Rd
Cranbury NJ 08512
609-448-0935
800-562-1291
Fax 609-443-8038

Plant Marvel Laboratories Inc
371 E 16 St
Chicago Heights IL 60411
708-757-7500
Fax 708-757-5224

Precision Laboratories Inc
333 Anthony Trail
Northbrook IL 60062
708-498-0800
Fax 708-498-1176

Prentiss Drug & Chemical Co
21 Vernon St CB 2000
Floral Park NY 11001
516-326-1919
Fax 516-326-2312

PRSM Inc
882 S Matlack St Unit E
West Chester PA 19382
215-430-3960
Fax 215-430-8081

Reclamare Co
20727 Seventh Ave S
Seattle WA 98198
206-824-2385
Fax 206-824-6798

Reinco Inc
520 North Ave (07060)
PO Box 512
Plainfield NJ 07061-0512
800-526-7687
Fax 908-755-6379

RGB Laboratories Inc
1531 Charlotte St
Kansas City MO 64108
800-879-4766
Fax 816-842-7191

Rhone-Poulenc Ag Co
PO Box 12014
Research Triangle Park NC 27709-2014
919-549-2000
Fax 919-549-4689

Rigo Co
Black Leaf Products Co
PO Box 189

With Apron® Systemic Fungicide Seed Treatment From Gustafson

For turfgrass that emerges faster . . . thicker . . . greener . . . healthier . . . have your seed treated with Apron fungicide seed treatment.

Apron translocates within the seed and seedling to provide effective protection against *Pythium* (damping off) and seedling blight during the critical early seedling development stage. Apron also enhances root development, to help your turf maintain its vibrant, lush appearance all season long.

Apron can be used on ALL varieties of turf and forage grasses. And the cost is just pennies per pound of seed.

Make sure your turf's up and started right. Specify seed that's treated with Apron from Gustafson, the worldwide leader in seed treatments and seed-treating equipment. For season-long *Pythium* control, ask for Subdue® fungicide.

Apron Dry now available for hopper box application

Gustafson

P.O. Box 660065 Dallas, Texas 75266-0065 (214) 985-8877

Always read and follow label directions.

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Buckner KY 40010
502-222-1456

Ringer Corp
9959 Valley View Rd
Minneapolis MN 55344
612-941-4180
Fax 612-941-5036

Riverdale Chemical Co
425 W 194 St
Glenwood IL 60425-1584
708-754-3330
Fax 708-754-0314

Rockland Corp
686 Passaic Ave
West Caldwell NJ 07006
201-575-1322

ROOTS Inc
25 Science Park
New Haven CT 06511
203-786-5295
Fax 203-786-5297

Ruffin Inc
PO Box 940
Dodge City KS 67801
800-535-7479

Sandoz Crop Protection
1300 E Touhy Ave
Des Plaines IL 60018
312-699-1616

O M Scott & Sons Co
14111 Scottslawn Rd
Marysville OH 43041
513-644-0011
Fax 513-644-7679

Soil Seal Corp
3015 Supply Ave
City of Commerce CA 90040
213-727-0654
Fax 213-727-6037

Soil Technologies Corp
PO Box 1415
Fairfield IA 52556
515-472-3963
Fax 515-472-6189

Southern Importers Inc
PO Box 8579
Greensboro NC 27419
800-334-9658
Fax 919-852-6397

Southern Turf Nurseries
2200 Norcross Pkwy Ste 255
Norcross GA 30071
404-448-9932

Spectrum Technologies Inc
12010 S Aero Dr
Plainfield IL 60544
800-248-8873
Fax 815-436-4460

Spring Valley Turf Products
1891 Spring Valley Rd
Jackson WI 53037
414-677-2273
Fax 414-677-2961

Standard Tar Products Co
2456 W Cornell St
Milwaukee WI 53209-6294
414-873-7650
Fax 414-873-7737

Stanford Seed Co
340 S Muddy Creek Rd
Denver PA 17517
800-235-5532
Fax 215-267-0502

Stockhausen Inc
2408 Doyle St
Greensboro NC 27406
800-334-0242
Fax 919-333-3548

Sudbury Lawn & Garden Products
301 W Osborn
Phoenix AZ 85013
602-285-1660
Fax 602-285-1803

Sustane Corp
1107 Hazeltine Blvd
Chaska MN 55318
612-448-8828
Fax 612-448-8895

Trebor Corp
4045-A Jonesboro Rd
Forest Park GA 30050
404-366-0957

Triazone
Div Arcadian Corp
6750 Poplar Ave Ste 600
Memphis TN 38138-7419
901-758-5200
Fax 901-758-5206

Tyler Enterprises
PO Box 365 Rte 53
Elwood IL 60421
815-423-5551
Fax 815-423-6331

UAP Special Products Inc
5446 W 78
PO Box 78666
Indianapolis IN 46268
317-471-3850

Uniroyal Chemical Co
World Headquarters
Benson Rd
Middlebury CT 06749
203-573-3888
Fax 203-573-3394

★Valent USA Corp
1333 N California Blvd
Ste 600
Walnut Creek CA 94596
415-256-2700

Vigoro Industries Inc
43 Fifth St NW
PO Box 512
Winter Haven FL 33882-0512
813-294-2567
Fax 813-294-3823

Warren's Turf Nursery Inc
7502 S Main St
Crystal Lake IL 60014
815-455-5100
Fax 815-455-7894

★Weyerhaeuser Engineered Fibers
7001 396th Ave SE
Snoqualmie WA 98065
800-443-9179
Fax 206-888-7504

Whitmire Research Labs
3568 Tree Ct
St Louis MO 63122
314-225-5371
800-325-3668
Fax 314-225-3739

Wilt-Pruf Products Inc
PO Box 469
Essex CT 06426-0469
203-767-7033

5. Seed Companies

J & L Adikes Inc
182-12 93rd Ave
Jamaica NY 11423
718-739-4400
516-437-4477
Kentucky Bluegrasses: Adelphi; Perennial Ryegrasses: All Star

Amturf Seeds
850 N Old US 23
Brighton MI 48116
313-632-5640
Fax 313-632-5840
Other Turf Seed: lawn patch, wildflower lawn patch, erosion patch

Applewood Seed Co
5380 Vivian St
Arvada CO 80002
303-431-6283
Fax 303-431-7981
Wildflower Seed

Arrow Seed Co
126 N Tenth
PO Box 722
Broken Bow NE 68822
308-872-6826
Fax 308-872-6945
Kentucky Bluegrasses: Liberty, Adelphi, Glade, Eclipse, Merit, Nassau, Midnight, Ram I, Fylking, Baron; Perennial Ryegrasses: Saturn, Envy, Omega II, Citation II; Fescues: (Tall) Jaguar II, Emperor, Richmond, Arid; Bentgrasses: Putter, Pencross; Turfseed Mixes or Blends: Countryside IV (Liberty, Adelphi, Eclipse, Glade) EZ Green Ryegrass Blend (Saturn, Citation II, Omega II); Other Turf Seed: Dura Turf Tall Fescue Blend (Jaguarii, Emperor, Maverick II)

Barnert Seed Co
Rte 3 Box 1120
Muleshoe TX 79347
806-272-5506
Fax 806-272-5509
Other Turf Seed: Buffalograss seed

E F Burlingham & Sons
PO Box 217
Forest Grove OR 97116
503-357-2141
Fax 503-359-9223
Telex 36-0274
Fescues: (Tall) Falcon

Cascade Intl Seed Co
8483 W Stayton Rd
Aumsville OR 97325
503-749-1822
Fax 503-749-1824
Kentucky Bluegrasses: Washington, Alene, Destiny, Kenblue, Canterbury; Perennial Ryegrasses: Sherwood, Gettysburg; Fescues: (Tall) Duke, Montank; (Creeping Red) Salem; (Chewings) Southport; (Hard) Warwick; Turfseed Mixes or Blends: Natural grasses brand Kentucky Bluegrass

Barzan is

Less Work

More Play

You'll find Barzan Kentucky Bluegrass creates a delightfully low maintenance lawn:

■ Barzan establishes rapidly–essential to building premium grade turf for professional plazas.

■ A strong root system and good rhizome action give dwarf-type Barzan great persistence on heavily used playing fields.

■ Barzan withstands damage well, recovering quickly in high traffic parks and rec applications.

See why Barzan Kentucky Bluegrass belongs at the top of your lawn chart. Call **1-800-547-4101** for the NORMARC dealer nearest you.

NORMARC
SEED COMPANY

P.O. Box 239, Tangent, OR 97389 • 1-800-547-4101 • (503) 926-5801 • FAX (503) 926-9435

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Circle No. 123 on Reader Inquiry Card

continued

Crenshaw & Doguet Turf Grass
609 Castle Ridge Ste 220
Austin TX 78746
512-328-0884
Other Turf Seed; Sod/Sprigs (South Only)

Curtis & Curtis Inc
Star Rte 8A
Clovis NM 88101
505-762-4759
Other Turf Seed: Native, Turf grasses

Davenport Seed Corp
1404 Fourth St
Davenport WA 99122
509-725-1235
Fax 509-725-7015
Kentucky Bluegrasses: A-34 BenSun, Able-1; Perennial Ryegrasses; Fescues: (Tall) Adventure, Avanti (dwarf), Front Runner (dwarf); (Hard) Biljart; Bentgrasses; Turfseed Mixes or Blends: Large selection of reclamation & erosion control grasses

Farmers Marketing Corp
3501 E Broadway
Phoenix AZ 85040
602-437-4058
Fax 602-437-0245
Other Turf Seed: Certified NuMex Sahara turf-type Bermuda grass, common Bermuda grass, Lehmann Love grass

Fine Lawn Research Inc
PO Box 290
Madison GA 30650
503-636-2600
Kentucky Bluegrasses: Chateau; Perennial Ryegrasses: Pennant; Fescues: Finelawn & Jaguar Turf Type Tall; Turfseed Mixes or Blends: Triple Play Perennial Rye Blend

Full Circle
PO Box 49
Madras OR 97741
503-475-3877
Fax 503-475-6603
Kentucky Bluegrasses: Merit

Garfield Williamson Inc
9 Stewart Pl
Fairfield NJ 07004
201-882-7755
Fax 201-882-7750
Kentucky Bluegrasses; Perennial Ryegrasses

Garrison Seed Co
PO Box 1604
Greeley CO 80632
303-356-7002
Other Turf Seed

Germain's Seeds
PO Box 3233
Los Angeles CA 90051
209-233-8823
800-688-TURF
Fax 209-233-8830
Kentucky Bluegrasses: Liberty, Banff, Etc.; Perennial Ryegrasses: Fiesta II, Derby, Regal, Envy, Omega II, PhD, Futura 2000, Etc.; Fescues: (Tall) Jaguar II, Shortstop; (Chewings) Victory, Enjoy; (Hard) Spartan; (Sheeps) Azay; (Creeping) Cindy, Jasper; Bentgrasses: Penncross, Pennlinks, Penneagle, Cobra, National, Putter (Exeter-Colonial Bent); Turfseed Mixes or Blends: Cool Season & Warm Season; Other Turf Seed: Dichondra, Native Grasses, Etc.

Jonathan Green Inc
Squankum-Yellowbrook Rd
PO Box 326
Farmingdale NJ 07727
908-938-7007
Fax 908-938-5788
Kentucky Bluegrasses: Adelphi, A-34, Alene, America, Classic, Chateau, Destiny, Eclipse, Enmundi, Glade, Gnome, Merit, Monopoly, Nassau, Raml, Canada, Touchdown, Washington, KenBlue; Perennial Ryegrasses: Allaire, Bedford, Gettysburg, Linn, Manhattan II, Pinnacle, Premier, Sherwood, Duet, Fiesta; Fescues: (Tall) Arid, Bonanza, Duke, Johnstone, K-31, Montauk, Mustang, Richmond; (Hard) Sheeps, Spartan, Warwick; (Chewings) Southport, Victory; (Creeping) Pennlawn, Salem; Bentgrasses: Exeter, Penncross, Penneagle, Pennlinks, Pennway, Seaside; Turfseed Mixes or Blends: Touch-up, Showlawn, Blue-Rye, Sodmaker, Full Sun, Dense Shade, Sun & Shade, Drought Tough, Funlawn, Heavy Traffic, Fast Grow, Veri-Green, Farmingdale Mix, Contractors Mix, Pasture Mix; Other Turf Seed: Trefoil, Switchgrass, Clovers, Crown Vetch, Fultsgrass, Orchardgrass, Poa Trivialis, Redtop, Reed Canarygrass, Sericea Lespedeza, Timothy, Weeping Lovegrass, Japanese Millet, Winter Rye; Wildflower Seed

Green Velvet Sod Farms
3640 Upper Bellbrook
Bellbrook OH 45305
513-848-2501
Fax 513-376-1153
Sod/Sprigs (South Only): Green Velvet Premium bluegrass, Turf Type Tall Fescue & Bentgrass sod

International Seeds Inc
820 W First St
PO Box 168
Halsey OR 97348
503-369-2251
Fax 503-369-2640

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Hard Fescue
PH D:
Perennial Ryegrass Blend

Turf and Forge Grass Seed for Beautification, Environmental Need and Reclamation.

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"Seed - the Gift of Life"™
820 W. First St.
Halsey, Oregon 97348
503-369-2251
FAX 503-369-2640

Kentucky Bluegrasses: 1034; Perennial Ryegrasses: Derby Supreme, Gator, Derby, Regal, Lindsay, Cutless, Elka; Fescues: (Tall) Era, Houndog, Gala, Pacer; (Creeping) Cindy; (Chewings) Longfellow, Enjoy; (Hard) Valda, Eureka; Bentgrasses: Cobra, Emerald; Turfseed Mixes or Blends: PhD blend, Dixie Green mix, Showboat blend, Dixie Green tall fescue blend; Other Turf Seed: Zoysia, Sunrise

Jacklin Seed Co
W 5300 Riverbend Ave
Post Falls ID 83854
208-773-7581
Fax 208-773-4846
Kentucky Bluegrasses: Amazon, Adelphi, Classic, Eclipse, Fylking, Glade, Huntsville, Merion, Nassau, Nugget, NuStar, Ram 1, Suffolk, Cheri, Midnight, Newport, S-21, Alta, Touchdown, Park, Fawn, South Dakota, Kenblue; Perennial Ryegrasses: Advent, Allstar, APM; Fescues: (Turf-type) Arid, Wrangler, Mesa, Pixie; (Tall) Alta, Fawn; Bentgrasses: Putter Creeping Bentgrass; Other Turf Seed: Sunrise Brand Seeded Zoysia, Streaker Redtop, Reubens, Canada Bluegrass, MX-86 Sheeps Fescue

LESCO Inc
20005 Lake Rd
Rocky River OH 44116
216-333-9250
Fax 216-333-7789
Kentucky Bluegrasses: LESCO, Dawn, Julia; Perennial Ryegrasses: LESCO, Commander, Assure, Legacy; Fescues: (Creeping) ShadeMaster; (Tall) LESCO, Wrangler, Cimarron, Trailblazer; Turfseed Mixes or Blends: various; Wildflower Seed

Lofts/Great Western Seed Co
810 Jackson St
Albany OR 97321
503-928-3100
Fax 503-967-0556
Kentucky Bluegrasses: Baron, Georgetown, Merit, Mystic, Nassau, Princeton (P104), Ram-I, Suffolk, 1757, Park, Newport, Common; Perennial Ryegrasses: Cowboy, Palmer, Prelude, Prelude II, Repell, Repell II, Yorktown III; Fescues: (Tall) Bar-None, Rebel, Rebel II, Rebel Jr, Tribute; (Chewings) Jamestown; (Hard) Reliant, Crystal; Bentgrasses: Southshore creeping bentgrass, Penncross, Penneagle, Pennlinks & Seaside, Highland Colonial bentgrass; Turfseed Mixes or Blends: Par-3 (Palmer-Prelude-Repell), Blue Tag Ultima (Palmer-Prelude-Repell II-Yorktown III); Other Turf Seed: Laser Poa Trivialis, Streaker Red Top; Wildflower Seed: Pinto

★Lofts Seed Inc
Chimney Rock Rd
Bound Brook NJ 08805
908-356-8700
Fax 908-560-0884
Kentucky Bluegrasses: Baron, Nassau, Ram I, Princeton 104, 1757, Suffolk, Sydsport; Perennial Ryegrasses: Palmer, Prelude, Repell, Cowboy, Repell II, Yorktown III; Fescues: (Tall) Rebel, Rebel II, Rebel Jr, Tribute; (Hard) Reliant; (Chewings) Jamestown, Jamestown II; Bentgrasses: Southshore Creeping; Turfseed Mixes or Blends: Summer Stress: 90% Rebel II or Tribute tall fescue, 10% Baron or Nassau Kentucky Bluegrass; Other Turf Seed: Laser Poa Trivialis

★NK Lawn & Garden Co
Medalist Turf Div
7500 Olson Memorial Hwy
Golden Valley MN 55427
612-593-7888
Fax 612-593-7236
Kentucky Bluegrasses: Adelphi, Aquila, Aspen, Kelly, Parade, Rugby, Trenton, Park, Freedom, Glade; Perennial Ryegrasses: Caddie, Dandy, Delray, NK-200, Goalie, Pennfine, Target, Yahoo; Fescues: (Tall) Galway, Arid (semi-dwarf), Amigo (dwarf), Arriba (dwarf); (Creeping Red) Dawson, Revere, Ruby; (Chewings) Dover; (Hard) Scaldis; Bentgrasses: Penncross, Penneagle, Pennlinks, Pennway, Penntrio; Turfseed Mixes or Blends: Medalist overseeding blends, Scottish Links, other specialized blends (Overseeder II, Premier Turf, etc.); Other Turf Seed: 'Fults' Puccinellia Distans, Sundevil Bermudagrass, prairie grasses; Wildflower Seed

★Normarc Seed Co
32080 Hwy 34
Tangent OR 97389

Q. Which turfgrass stays green around and under trees, even at this time of year?

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OREGON GROWN FINE FESCUE

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Oregon Fine Fescue Commission
866 Lancaster Drive SE / Salem, OR 97301 / 503-585-1157

Circle No. 223 on Reader Inquiry Card

continued

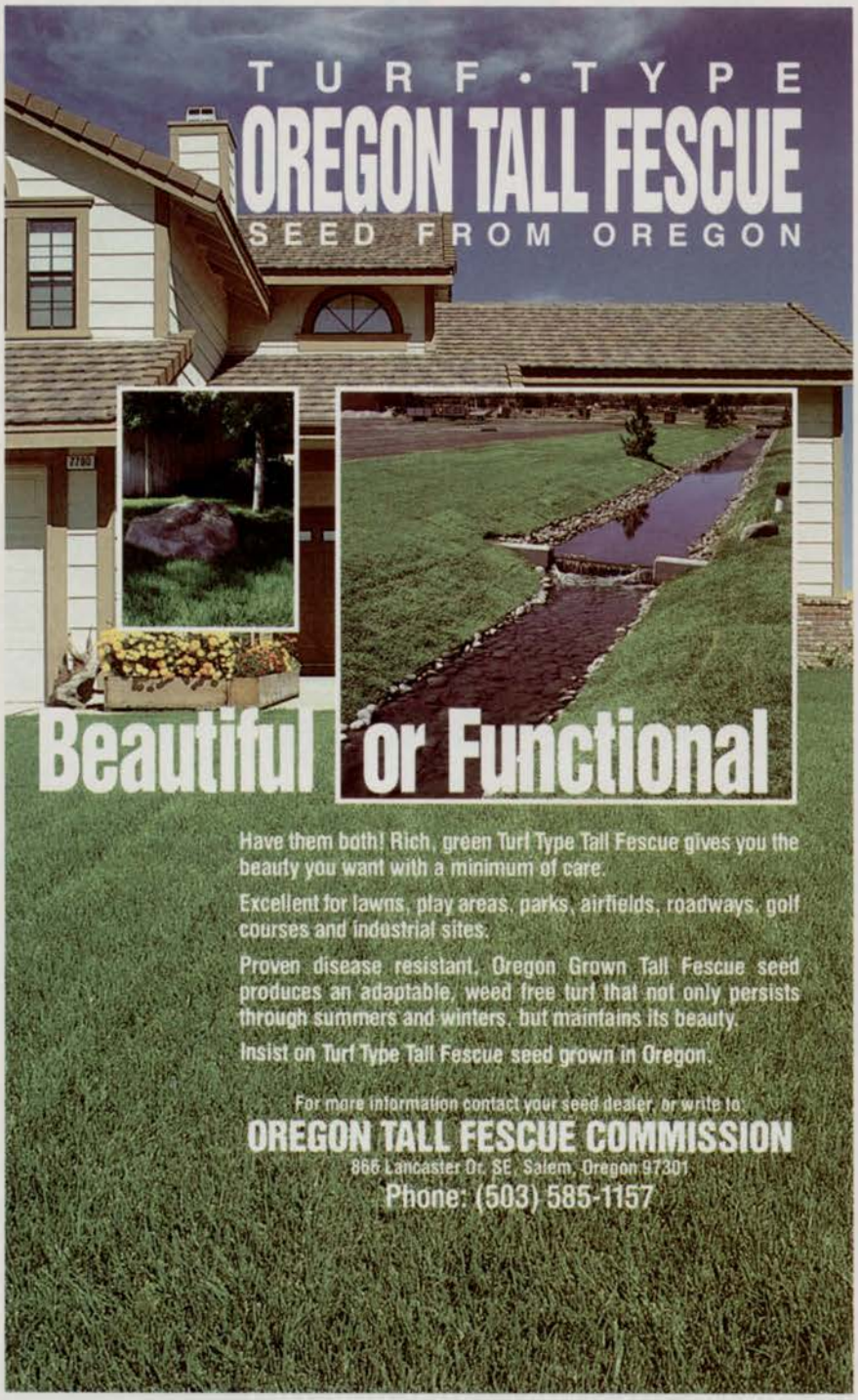
503-926-5801
Fax 503-926-9435
Kentucky Bluegrasses: Barzan, Alene, Barblue; Perennial Ryegrasses: Pinnacle, Premier; Fescues: (Tall) Phoenix, Vegas, Austin, Tempo; (Creeping) Bargena, Barcrown; (Chewings) Bridgeport, Barnica; Bentgrasses: Regent, Pin-High; Turfseed Mixes or Blends: Turf Star, Perennial, Top-Flight, Perenial, Pin High, Bentgrass; Other Turf Seed: Barkoel

Nutri-Turf Inc
16163 Lem Turner Rd
Jacksonville FL 32218
800-329-TURF
Fax 904-764-7666

Sod/Sprigs (South Only): Tifway (419), Tifway II, Tifdwarf and Tifgreen (328)

★Oregon Fine Fescue Commission
866 Lancaster Dr SE
Salem OR 97301
503-585-1157
Fescues: creeping & chewings red

Oregon Ryegrass Growers Seed Commission
4093 12th St SE
PO Box 3366
Salem OR 97302
503-364-3346
Perennial Ryegrasses: all Oregon Ryegrasses;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Beautiful or Functional
Have them both! Rich, green Turf Type Tall Fescue gives you the beauty you want with a minimum of care.
Excellent for lawns, play areas, parks, airfields, roadways, golf courses and industrial sites.
Proven disease resistant, Oregon Grown Tall Fescue seed produces an adaptable, weed free turf that not only persists through summers and winters, but maintains its beauty.
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For more information contact your seed dealer, or write to:
OREGON TALL FESCUE COMMISSION
866 Lancaster Dr. SE, Salem, Oregon 97301
Phone: (503) 585-1157

Circle No. 126 on Reader Inquiry Card

★Oregon Tall Fescue Commission
866 Lancaster Dr SE
Salem OR 97301
503-585-1157
Fescues: Tall

OSECO Inc
210 Wanless Dr
Brampton ON Canada L6V 2L2
416-846-5080
Fax 416-846-6909
Kentucky Bluegrasses: Baron, Gnome, Haga, Midnight, Nassau, Sydsport, Princeton P-104; Perennial Ryegrasses: Yorktown II, Palmer, Barry, Pinnacle, Gator, Repell; Fescues: (Tall) Rebel II; (Creeping) Shademaster; (Chewings) Center, Koket, Banner, Wilma; (Hard) Biljart, Crystal; Bentgrasses: Emerald, Penncross, Cobra; Turfseed Mixes or Blends: Sod mixes, All Purpose, Sun & Shade, Golf Course, Reclamation, MTC, Sportsfield, Prill-On Coated

Pacific Sod
820 Flynn Rd
Camarillo CA 93012
805-987-8456
Fax 805-987-5955
Sod/Sprigs (South Only): Bluegrass, Blue-rye, Tall Fescue, Dwarf Tall Fescue, Hybrid Bermudas, St Augustine, Dichondra, Zoysia

Patten Seed Co
Super-Sod
235 Valdosta Rd
Lakeland GA 31635
912-482-3131
Fax 912-482-2382
Other Turf Seed: Centipede; Sod/Sprigs (South Only)

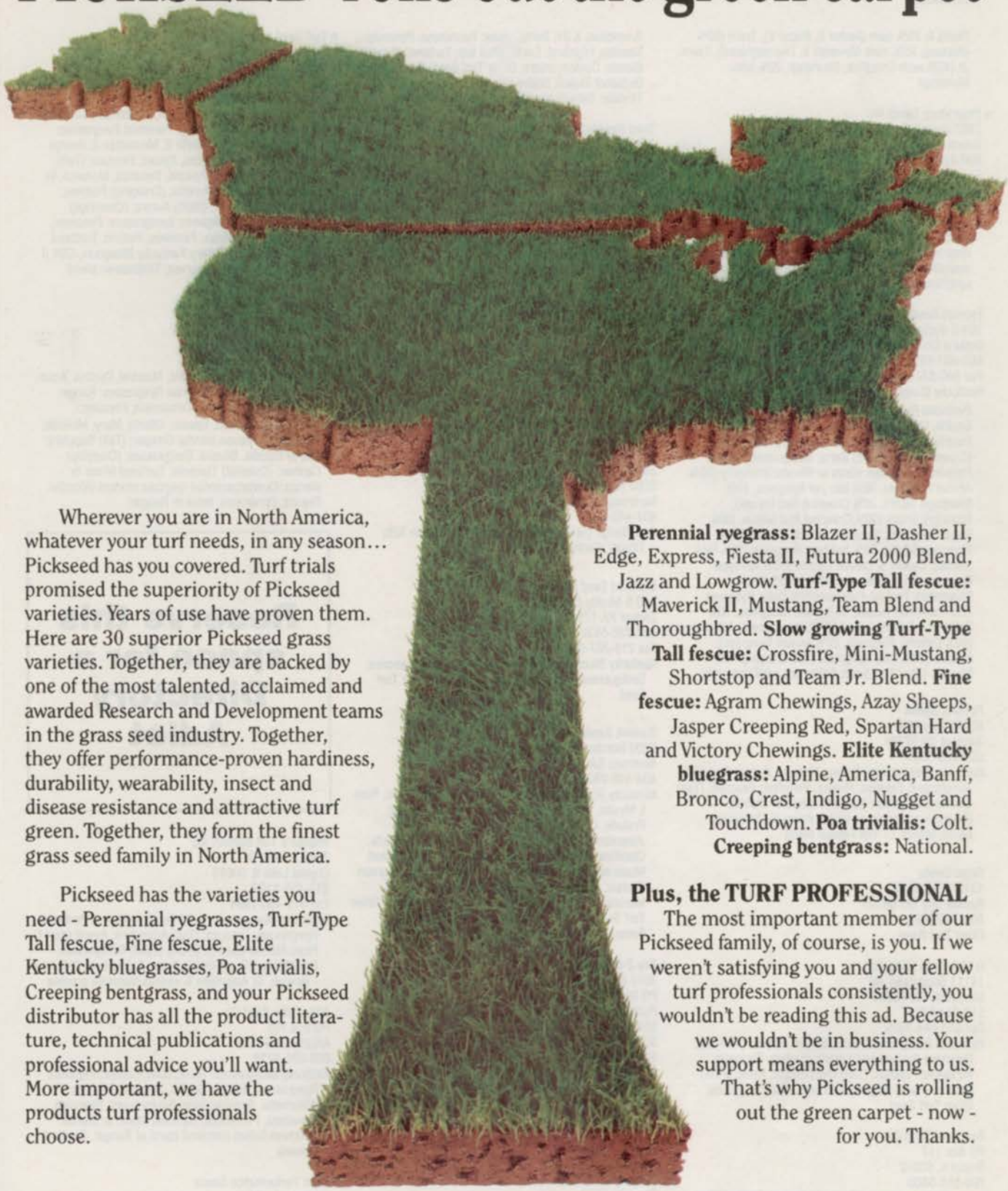
★Pennington Enterprises Inc
1280 Atlanta Hwy
Madison GA 30650
404-342-1234
Fax 404-342-9644
Kentucky Bluegrasses: Chateau, Huntsville; Perennial Ryegrasses: Sunrise 246, Pebble Beach, Stallion; Fescues: (Tall) Finelawn 5GL, Finelawn 1, Wrangler, Triad, Perfecta; (Creeping Red) Flyer Red) Flyer; Turfseed Mixes or Blends: Enviro blend of turf-type tall fescues, Triple Play perennial ryegrass blend; Other Turf Seed: Cheyenne Bermudagrass

Peterson Seed Co
PO Box 346
Savage MN 55378
612-445-2606
Fax 612-445-1679
Kentucky Bluegrasses: Monopoly, Classic, Eclipse

Pickseed Canada Inc
11151 Yonge St
Richmond Hill ON Canada L4C 4X9
416-884-1147
Fax 416-884-1538
Kentucky Bluegrasses: America, Touchdown, Banff, Alpine, Nugget, Indigo; Perennial Ryegrasses: Fiesta II, Blazer II, Dasher II, Lowgrow, Edge, Express; Fescues: (Tall) Shortstop, Crossfire; (Creeping Red) Jasper; (Chewings) Victory; (Hard) Spartan; Bentgrasses: National Creeping; Turfseed Mixes or Blends: Futura 2000, Futura Blue, Sports Turf

★Pickseed West Inc
33149 Hwy 99 E
Tangent OR 97389
503-926-8886
Fax 503-928-1599
Kentucky Bluegrasses: Touchdown, America, Banff, Indigo, Crest, Bronco, Alpine, Nugget; Perennial Ryegrasses: Fiesta II, Blazer II, Dasher II, Jazz, Edge, Express, Lowgrow; Fescues: (Tall) Mustang, Maverick II, Thoroughbred, Crossfire, Shortstop, Mini-Mustang; (Chewings) Agram, Victory; (Hard) Spartan; (Sheeps) Azay; (Creeping Red) Jasper; Bentgrasses: National; Turfseed Mixes or Blends: Futura 2000 Perennial (50%

PICKSEED® rolls out the green carpet



Wherever you are in North America, whatever your turf needs, in any season... Pickseed has you covered. Turf trials promised the superiority of Pickseed varieties. Years of use have proven them. Here are 30 superior Pickseed grass varieties. Together, they are backed by one of the most talented, acclaimed and awarded Research and Development teams in the grass seed industry. Together, they offer performance-proven hardiness, durability, wearability, insect and disease resistance and attractive turf green. Together, they form the finest grass seed family in North America.

Pickseed has the varieties you need - Perennial ryegrasses, Turf-Type Tall fescue, Fine fescue, Elite Kentucky bluegrasses, Poa trivialis, Creeping bentgrass, and your Pickseed distributor has all the product literature, technical publications and professional advice you'll want. More important, we have the products turf professionals choose.

Perennial ryegrass: Blazer II, Dasher II, Edge, Express, Fiesta II, Futura 2000 Blend, Jazz and Lowgrow. **Turf-Type Tall fescue:** Maverick II, Mustang, Team Blend and Thoroughbred. **Slow growing Turf-Type Tall fescue:** Crossfire, Mini-Mustang, Shortstop and Team Jr. Blend. **Fine fescue:** Agram Chewings, Azay Sheeps, Jasper Creeping Red, Spartan Hard and Victory Chewings. **Elite Kentucky bluegrass:** Alpine, America, Banff, Bronco, Crest, Indigo, Nugget and Touchdown. **Poa trivialis:** Colt. **Creeping bentgrass:** National.

Plus, the TURF PROFESSIONAL

The most important member of our Pickseed family, of course, is you. If we weren't satisfying you and your fellow turf professionals consistently, you wouldn't be reading this ad. Because we wouldn't be in business. Your support means everything to us. That's why Pickseed is rolling out the green carpet - now - for you. Thanks.

PICKSEED®
PICKSEED WEST Inc.
P.O. Box 888 • TANGENT, Oregon 97389 • U.S.A.
(503) 926-8886

Circle No. 132 on Reader Inquiry Card

continued

Fiesta II, 25% each Dasher II, Blazer II), Team (50% Mustang, 25% each Maverick II, Thoroughbred), Team Jr (40% each Crossfire, Shortstop, 20% Mini-Mustang)

★Proprietary Seeds Inc
2882 Howell Prairie Rd NE
Salem OR 97305
800-228-4119
Fax 503-585-3273
Perennial Ryegrasses: Vantage; Fescues: (Tall) Bonanza, Crew-Cut (dwarf type); Turfseed Mixes or Blends: Magnum brand perennial ryegrass mixture (75% Vantage perennial ryegrass, 25% Citation II perennial ryegrass); Other Turf Seed: Public & private varieties available, custom blends & mixtures to customer specifications

Provico Seeds
104 S Sycamore St
Botkins OH 45306
800-837-8222
Fax 800-837-8222 Ext 255
Kentucky Bluegrasses: 98/85, A-34, Classic, Park, Merit; Perennial Ryegrasses: Linn, Manhattan II, Caliente, Seville, Gator, Derby, Regal, Elka, PhD; Fescues: (Tall) Pennlawn, Finelawn I, Shenandoah, Willamette; (Creeping) Red; (Hard) Serra; Bentgrasses: Cobra, Pennlinks; Turfseed Mixes or Blends: Economy (30% Annual Ryegrass, 30% linn per Ryegrass, 20% Bluegrass 98/85, 20% Creeping Red fescue), Economy Shady (50% Creeping Red fescue, 50% Regal Ryegrass); Quality & Quality Coated (60% Bluegrass 98/85, 30% turf type Ryegrass, 10% Fine fescue); Classic & Classic Coated (50% turf type Ryegrass, 25% Bluegrass 98/85, 25% Merit Bluegrass); Prof All-Purpose (20% Gator Ryegrass, 20% Pennlawn fescue, 30% Merit Bluegrass, 30% Sabre Poa Trivialis); Prof All-Purpose Coate; Athletic (80% Caliente Ryegrass, 20% Annual Ryegrass); Stubbie (80% Elka Ryegrass, 20% Creeping Red fescue); Other Turf Seed: Sabre poa wildflower mix

Roberts Seeds
33095 Hwy 99 E
Tangent OR 97389
503-926-8891
Kentucky Bluegrasses: Estate, Marquis, Rugby; Perennial Ryegrasses: Calypso, Riviera, Pennfine; Fescues: (Tall) Chiefton, Guardian; Turfseed Mixes or Blends: Playmate per ryegrass blend, Prism Ky Bluegrass blend, Maxim TT TAll Fescue blend

Royal Seeds
1212 W Eighth St
Kansas City MO 64101
800-753-0990
Other Turf Seed

O M Scott & Sons Co
14111 Scottslawn Rd
Marysville OH 43041
513-644-0011
Fax 513-644-7679
Kentucky Bluegrasses: Victa, Bristol, Abbey, Coventry; Perennial Ryegrasses: Loretta Ovation, Caravelle, Accolade; Fescues: (Tall) Chesapeake, Aztec; (Fine) Banner; (Hard) Brigade; Turfseed Mixes or Blends; Other Turf Seed

Seaboard Seed Co
PO Box 117
Bristol IL 60512
708-553-5800
Kentucky Bluegrasses: Midnight, Classic, Eclipse, Glad, Haga, Adelphi, Baron, Merit, Gnome, Monopoly, Parade, Touchdown, Nassau, Banff, Newport, Julia, Chateau, America, A-34, Park, Rami, Nugget; Perennial Ryegrasses: Palmer, Prelude, Manhattan II, Pennant, Derby, Fiesta II, Pennfine, Manhattan II, Citation, Jazz, Rodeo, Patriot, Omega II; Fescues: Fine-spartan, Saldis, Victory, Jamestown, Koket, Pennlawn, Tall-arid, Olympic, Apache, Adventure, Mustang, Falcon, Brookston, K 31; Bentgrasses: Penncross, Penneagle, Seaside, Highland, Exeter, Red top; Turfseed Mixes or Blends: Custom mixes; Other Turf Seed: Crown Vetch, Birdsfoot Trefoil, Native Grasses, Wildflowers, Poa Trivialis, Canada bluegrass, Fults, Reed Canary

Seed Research of Oregon Inc
27630 Llewellyn Rd (97333)
PO Box 1416
Corvallis OR 97339
503-757-2663
Fax 503-758-5305
Kentucky Bluegrasses: SR 2000, Harmony; Perennial Ryegrasses: SR 4000, SR 4100, SR 4200; Fescues: (Hard) SR 3000; (Chewings) SR 5000; (Tall) SR 8200, SR 8300, Titan, Trident; Bentgrasses: SR 1020, Providence, Prominent; Turfseed Mixes or Blends: Champion (SR 4000, SR 4100); Trophy, Survivor (Titan, Trident); Crusader (SR 3000, SR 4200, SR 5000); Dominate (SR 1020, Providence)

Sharp Brothers Seed Co
101 E Fourth St Rd
Greeley CO 80631
303-356-4710
Turfseed Mixes or Blends; Other Turf Seed: Native turfgrasses

Southern Turf Nurseries
2200 Norcross Pkwy Ste 255
Norcross GA 30071
404-448-9932
Sod/Sprigs (South Only): Tifway 419, Tifgreen 328, Tifwarf, Centipede, Midiron

Stanford Seed Co
340 S Muddy Creek Rd
Denver PA 17517
800-235-5532
Fax 215-267-0502
Kentucky Bluegrasses; Perennial Ryegrasses; Fescues; Bentgrasses; Turfseed Mixes or Blends; Other Turf Seed

Sunbelt Seeds Inc
2200 Norcross Pkwy Ste 255
Norcross GA 30071
404-448-9932
Kentucky Bluegrasses: Baron, Nassau, Georgetown, Ram I, Mystic, Suffolk; Perennial Ryegrasses: Palmer, Prelude, Cowboy, Yorktown II, Repell; Fescues: Jamestown Chewings; (Tall) Rebel, Rebel II, Tribute, Clemfine, Barnone; (Creeping) Southshore; Turfseed Mixes or Blends: Marvel Green Supreme, Marvelgreen Classic, Marvelgreen & Laser, Marvelgreen 3 +1, Marvelgreen Transition, Marvelgreen Sports Mix; Other Turf Seed: Pinto Wildflowers, Centipede, Hulled Bermuda, Weeping Lovegrass, Carpetgrass

★Tee-2-Green Corp
3017 G St
PO Box 250
Hubbard OR 97032
503-981-9571
503-981-9574
800-247-6910
800-547-0255
Fax 503-981-5626
Bentgrasses: Penncross, Penneagle, Pennlinks, Pennway blend, Penntrio blend

★Turf Merchants Inc
33390 Tangent Loop
Tangent OR 97389
503-926-8649
800-421-1735
Fax 503-926-4435
Telex 9109970773
Kentucky Bluegrasses: Gnome, Rugby, Tendos, Cobalt, Chelsea; Perennial Ryegrasses: Manhattan II, Pennfine, VIP, Rodeo, Allaire, Aquarius; Fescues: (Dwarf) Bonsai, Twilight; (Hard) Atilla; Bentgrasses: VIP; Other Turf Seed: Cypress poa Trivialis

★Turf Seed Inc
PO Box 250
Hubbard OR 97032
503-981-9571
Fax 503-981-5626
Kentucky Bluegrasses: Midnight, Challenger, Columbia, Voyager, C76, Blacksburg; Perennial Ryegrasses: Citation II, Omega II, Birdie II, Manhattan II, Sunrye 246, Charger, Remington, Saturn; Fescues: (Tall) Olympic, Olympic II, Apache, Bonanza, Monarch, El Dorado, Silverado, Murietta; (Creeping) Fortress, Shademaster, Flyer; (Hard) Aurora; (Chewings) Shadow; (Sheep) Bighorn; Bentgrasses: Pencross, Penneagle, Pennlinks, Pennway, Pentrio; Turfseed Mixes or Blends: Galaxy Kentucky Bluegrass, CBS II Ryegrass, Alliance Ryegrass, Triathalawn blend

Vanderhave Oregon Inc
33725 Columbus Ave SE
PO Box 1469
Albany OR 97321
503-967-8923
Kentucky Bluegrasses: Sophia, Minstrel, Cynthia, Asset, Parade, Geronimo; Perennial Ryegrasses: Ranger, Brenda, Nova, Mondial, Dimension; Fescues: (Chewings) Waldorf, Epsom, Atlanta, Mary, Molinda; (Creeping) Dawson slender Creeper; (Tall) Sapphire; (Hard) Scaldis, Silvana; Bentgrasses: (Creeping) Carmen; (Colonial) Tracenta; Turfseed Mixes or Blends: Quartetperennial ryegrass mixture (Mondial, Brenda, Dimension, Nova or Ranger)

Reserve this space for a Directory Adlet

Warren's Turf Nursery Inc
7502 S Main St
Crystal Lake IL 60014
815-455-5100
Fax 815-455-7894
Kentucky Bluegrasses: A-34 BenSun, Able 1; Perennial Ryegrasses; Fescues: (Tall) Adventure, Avanti (dwarf), Front Runner (dwarf); (Hard) Biljart; Bentgrasses; Sod/Sprigs (South Only): Texas & Southern California - Raleigh, St Augustine & various Bermuda grasses

Willamette Seed Co
PO Box 791
Albany OR 97321
503-926-2728
Kentucky Bluegrasses: Merit, Julia, Classic; Perennial Ryegrasses: Ranger, Seville, Caliente; Fescues: Willamette, Shannandoha; Bentgrasses: Pencross, Pennlinks, Penneagle; Turfseed Mixes or Blends: Southern Select overseed blend of Ranger, Seville & Caliente

Zajac Performance Seeds
33 Sicomac Rd
North Haledon NJ 07508
201-423-1660
Fax 201-423-6018
Kentucky Bluegrasses: Eclipse, Liberty; Perennial Ryegrasses: Envy, Omega II, Saturn; Fescues: (Tall) Jaguar, Emperor (dwarf); (Creeping) Vista; (Hard) Nordic; Turfseed Mixes or Blends: Leaderboard blends, Mile-Hi Ryegrass blend

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BONANZA
TALL FESCUE TURF-TYPE

Still the Tall Fescue of Choice Among Discriminating Turfgrass Users!

A proven performer on home lawns, sod farms, athletic fields or wherever attractive, tough, reduced maintenance turf is required. With its exceptional dark green color, heat and drought tolerance and disease resistance, BONANZA is a year in, year out performer. BONANZA sets a standard by which others are compared.

CREW-CUT

Tall Fescue "Dwarf Type"

The Reduced Maintenance Approach to a Well-Groomed Lawn

When you want all the advantages of a tall fescue but want improved aesthetic qualities, CREW-CUT tall fescue "dwarf type" is the answer. The deep green color and high leaf density of CREW-CUT combine for a thick, luxurious turf with all the hardy characteristics that have made turf-type tall fescues the fastest growing segment of the turfgrass market.

Vantage
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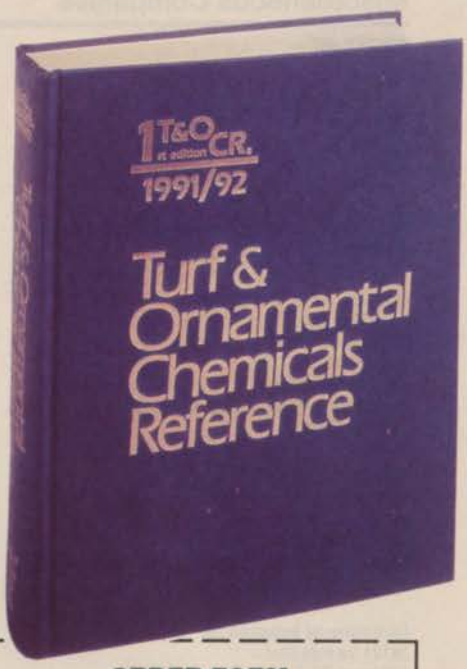

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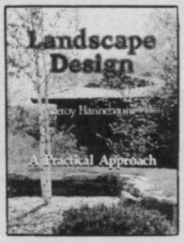

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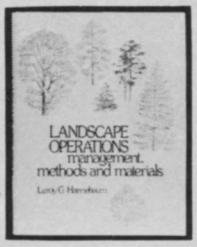

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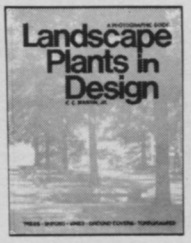

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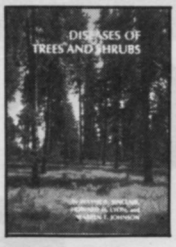

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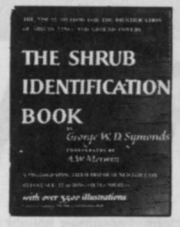

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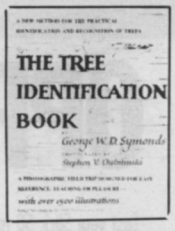

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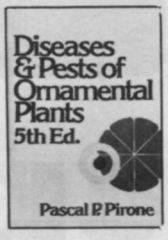

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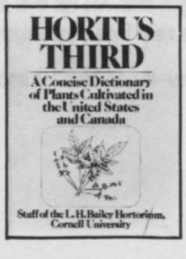

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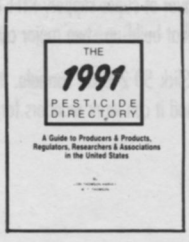

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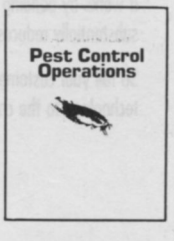

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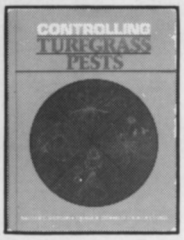

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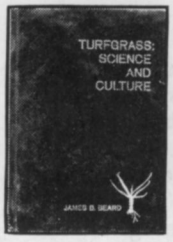

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Mulching attachment reduces clippings

The Bunton Company recently introduced the Eliminator mulching attachment to the green industry. The Eliminator is called the only completely removable mulching attachment in the industry, and one that eliminates the need for additional equipment buys.

According to Bunton, the Eliminator is a cost-effective rotary attachment that reduces grass clippings to a fine, nutritious mulch. With recent environmental legislation in mind, Bunton engineers designed the Eliminator to minimize grass clippings and provide a natural fertilizer for more beautiful lawns.

The self-propelled rotary mower begins the mulching process by engaging the primary mower blade

to lift and cut grass to length. The grass clippings are cut again and mulched as they are pulled down through the six-blade recutter.

To further reduce the clippings, a suction lift forces clippings upward again through the primary mower blade. The clippings then travel through the Eliminator's "Mulching Zone," which forces the few clippings left down into the turf.

Bunton says the process turns grass clippings into a virtually invisible and non-existent mulch that vastly increases the decomposition rate.

The Eliminator attaches easily to 36-, 48- or 52-inch Bunton self-propelled rotary mowers, as well as the company's Goodall 36-inch, 48-inch and 52-inch self-propelled rotary mowers.

Circle No. 190 on Reader Inquiry Card

New business software answers loan questions

First Step Review is a series of computer programs developed to assist the small business owner/manager in obtaining business loans and operating the business more successfully.

The program is designed for the IBM-PC and compatible computer systems. It requests information regarding the applicant seeking the loan which it then evaluates and scores. Score indicates whether or not the applicant has a good chance of receiving a loan.

Users can manipulate input by adding or subtracting collateral and/or equity, which in turn will affect the scores.

Circle No. 191 on Reader Inquiry Card

Spreader made to save on labor, material costs

The AccuSpread can be used year-round. It makes accurate applications of sand, salt, calcium chloride, top dressing, and more.

According to the AccuSpread Co., the spreader's prototype showed a labor savings of 85 percent, and 50 percent material savings.

AccuSpread fits on the front loader of a tractor or skid-steer, or on a rear 3-point hitch. The spreader can be tilted for self-loading from a bulk supply of material.

Circle No. 192 on Reader Inquiry Card

Software package includes chemical/fertilizer records

The Trims Grounds Management Software Version 2.3 has just been released by Labb Systems/Software.

In response to superintendent requests, the program now includes chemical and fertilizer application logs, MSDS filing system and weather data base.

Extensive modifications have been made to increase the record-keeping capacity of Trims and allow unlimited editing of labor records, purchase orders, work orders and maintenance records.

Circle No. 193 on Reader Inquiry Card

Software now compatible with IBM processors

Thornton Computer Management Systems' software packages are now compatible with the IBM RISC System/6000 processors.

The RISC architecture and AIX, IBM's version of the UNIX Operating System are combined with all the features and benefits of the Pick Databased Systems and the Slice green industry applications.

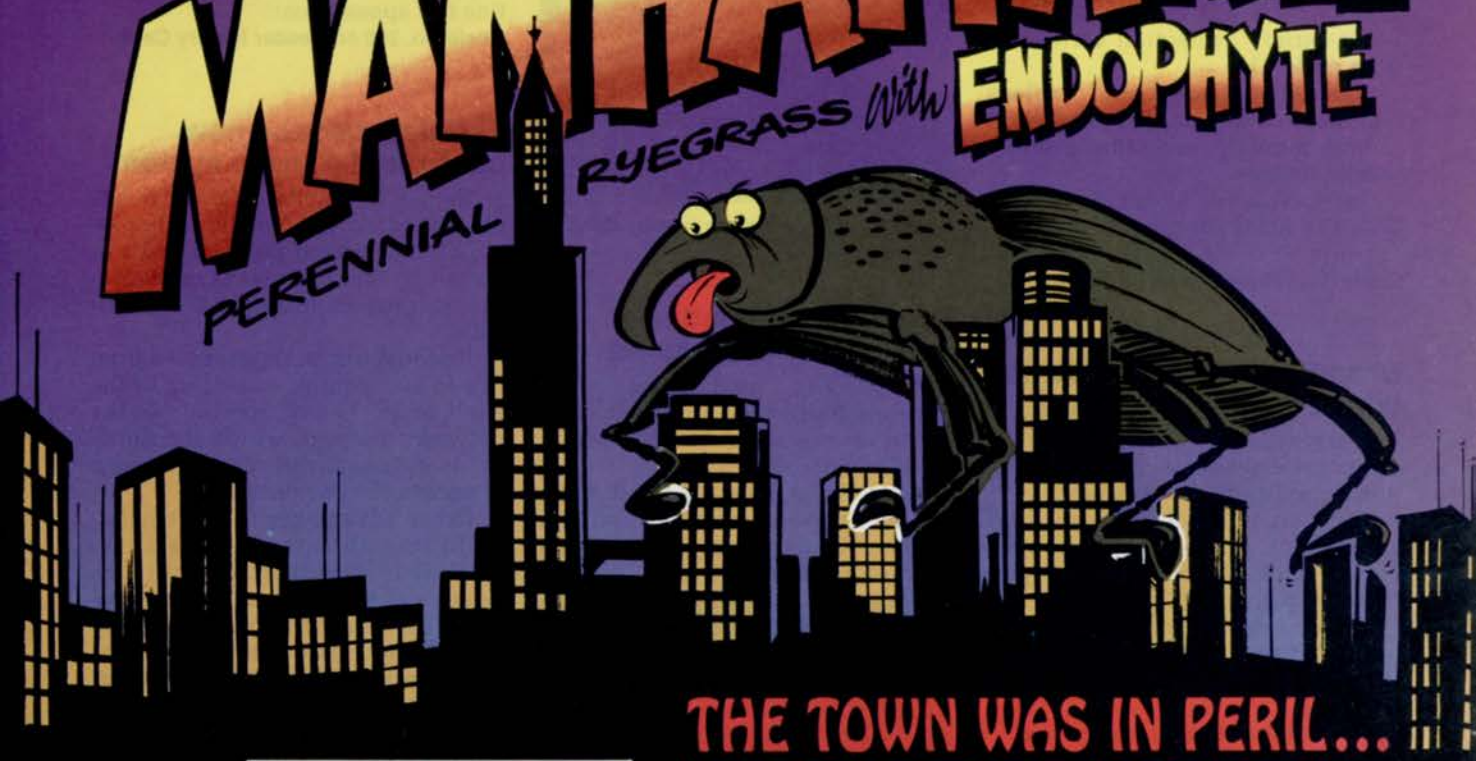
The complete system includes the award-winning Slice software with

Coming Soon to a Park Near You!

The BILLBUG that DIDN'T EAT...

MANHATTAN II

PERENNIAL RYEGRASS *With* ENDOPHYTE



THE TOWN WAS IN PERIL... BUT THE TURF WAS SAFE!

MANHATTAN II^{E} is introduced with the 1991 crop, and contains *endophyte*, an internal fungus that provides natural resistance to above ground turf-eating insects and larvae. Along with its renowned darker green color and denser growth habit, Manhattan II 'E' is the *natural* choice for home lawns, parks, golf courses and other hard-use areas. It's the first choice of turf professionals, but *it'll starve a larvae.*

Manhattan II^{E}

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1-503-981-9571

Circle No. 230 on Reader Inquiry Card

telephone support, on-site training and classroom instruction.
Circle No. 194 on Reader Inquiry Card

New creeping bentgrass ideal golf course choice

From International Seeds, Inc. comes Cobra, a new creeping bentgrass which has been awarded a plant variety protection certificate from the USDA.

The company says Cobra develops a uniform dark green and is resistant to heat, humidity and other environmental stresses.

International Seeds, Inc. says Cobra is ideal for greens, tees and fairways.
Circle No. 195 on Reader Inquiry Card

Broad spectrum fungicide controls eight diseases

Curalan, from BASF, controls eight turf diseases without harming turf, according to the company.

Curalan is labeled for all turf grasses, and can be used to control brown patch, dollar spot, leaf spot, fusarium patch and snow mold.

BASF says Curalan gives the option of preventive and curative treatments by adjusting the application rate.
Circle No. 196 on Reader Inquiry Card

Tall fescue variety is new to market

From Southland Sod Farms comes Hubbard 87; the company's latest offerings which follows years of meticulous and selective plant breeding.

In year-long U.S. Department of Agriculture sanctioned tests, Hubbard 87 was ranked number one in overall turf quality. The competitive tests stretched over a variety of climactic and geographical extremes.
Circle No. 197 on Reader Inquiry Card

Clean up easier with walk-behind sweeper

From Sweepster comes a self-propelled walk-behind sweeper that the company says is ideal for landscape settings.

Sweepster's C-36 is equipped with a standard three-foot by 24-inch sectional brush which easily transports on the back of a truck. The unit is powered by a 5-hp engine. Caster and brush angles of 30 degrees right are standard.

Circle No. 198 on Reader Inquiry Card

Organic composting accelerator introduced

Koos, Inc. now markets its Nature's Best brand Compost Acti-Vator; an organic substance which speeds up decomposition.

Acti-Vator can be used with leaves, grass, shrub trimmings, kitchen scraps, wood shavings and sawdust, the company says.

Koos says Acti-Vator assists in more quickly producing humus which may then be added to soil as a fertilizer. The product may be used in bins, bags or piles of compost.
Circle No. 199 on Reader Inquiry Card

Several tall fescues offered by Pennington

Several new tall fescues from Pennington Seed Co. are introduced this year; varieties the manufacturer says are high in endophyte which makes them more resistant to insect and disease infestations.

The varieties will also be more dwarf in growth characteristics, making them finer in appearance.

Tradition is dark green and bred by Pure Seed Testing Plant variety protection is under application. Compac Blend will be marketed by Pennington; a superior dwarf turf type tall fescue consisting of Tradition, Monarch, and 5DX varieties. The dwarf mix is said to require less mowing which lessens clippings while having an extremely fine turf appearance.
Circle No. 200 on Reader Inquiry Card

Fertilizer utilizes new controlled release system

The O. M. Scotts & Sons Co. has developed Poly-S coating technology; a combining of polymer and sulfur which the firm says permits controlled, programmed release of nutrients.

Residual can be programmed from two to six months, according to the application. The composition of the polymer—through which the nutrient is diffused—determines the rate of release, the company says.

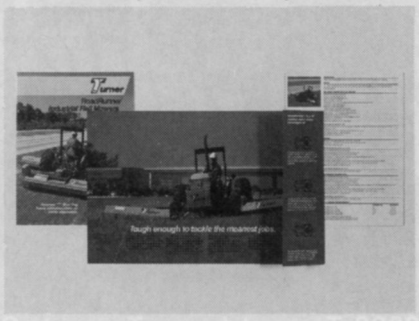
Other advantages of the coating include abrasion resistance, increased water insoluble nitrogen values and resistance to environmental stress, uniform and adjustable release rates, decreased temperature sensitivity and increased nutrient efficiency. The company adds that low phytotoxicity and economy of sources nutrients are also plusses.

Poly-S technology will be introduced in 1992.
Circle No. 201 on Reader Inquiry Card

Turner's new flail mower detailed in free literature

Turner Equipment Co.'s new RoadRunner flail mowers are explained in company literature now available by request.

The line, featuring three basic models and cutting swaths from 74 inches to 21 feet, come in center-, side- and rear-mounted styles.



All models are equipped with gear-driven hydraulic pumps.
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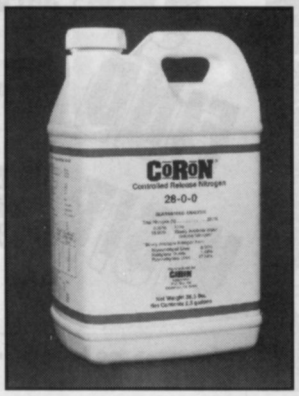

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This clear liquid fertilizer provides long term release in a non-burning formulation. Suitable for turf, ornamentals, foliar and deep-root feeding of trees and shrubs. Mixes easily with fertilizer materials and other plant protection products.

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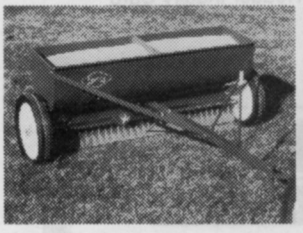

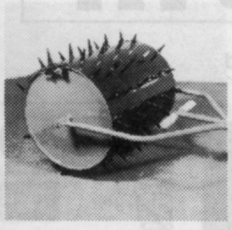

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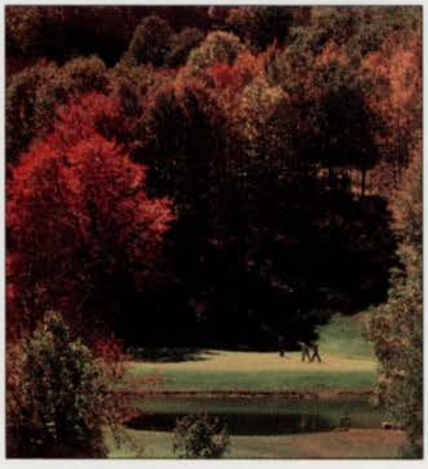

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